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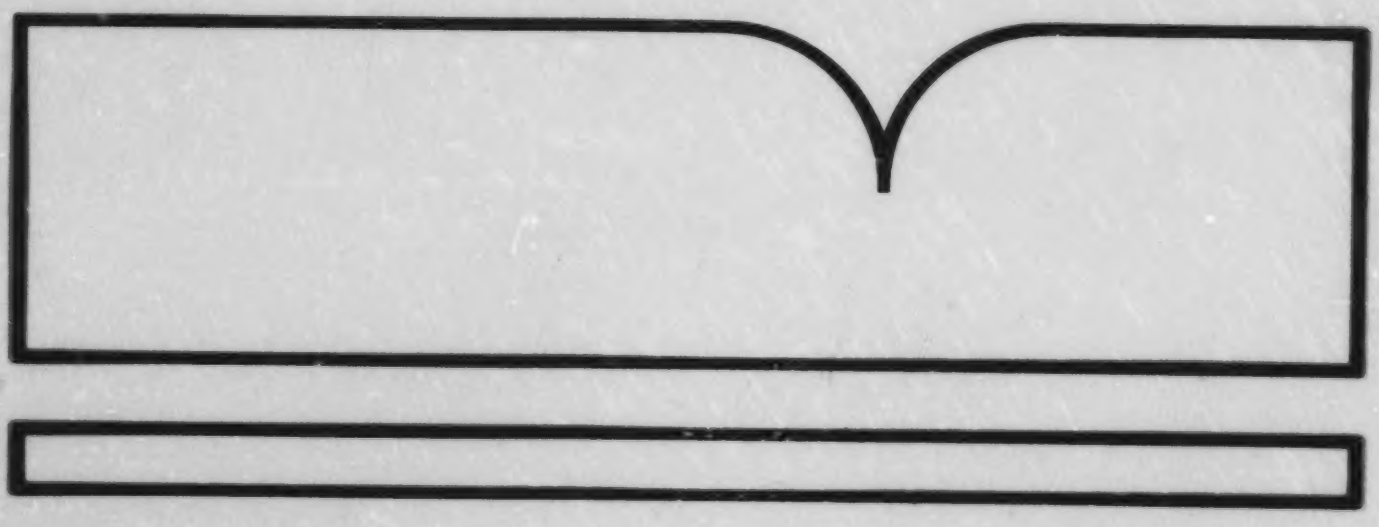
BACT/LAER (Best Available Control Technology Lowest Achievable Emission Rate) Clearinghouse A Compilation of Control Technology Determinations. Volume 1. Summary Tables and Appendices A-F

PEDCo-Environmental, Inc., Cincinnati, OH

Prepared for

Environmental Protection Agency
Research Triangle Park, NC

May 84



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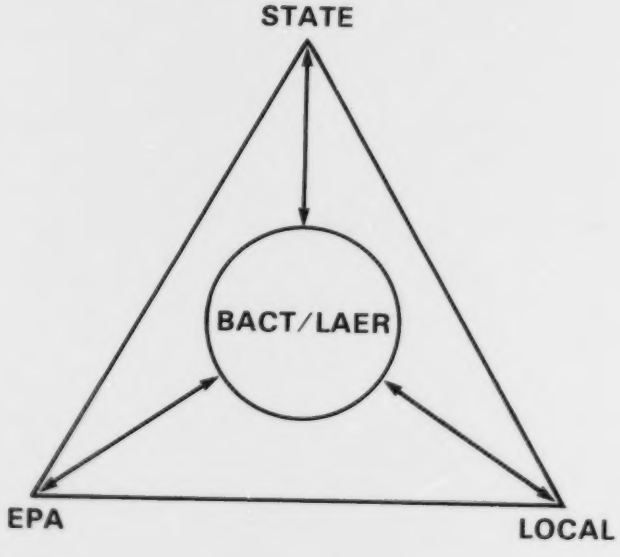
BACT/LAER Clearinghouse—

A Compilation Of Control Technology Determinations

Volume I
Summary Tables and Appendices A-F



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16. ABSTRACT

This volume explains the history of the BACT/LAER Clearinghouse, the background of the report format development, and acknowledges the continued support and effort of STAPPA and ALAPCO members.

This volume also contains four summary tables consisting of: a list of new control technology determinations received since May 1983, a list of all control technology determinations that have been submitted, a list of control technology determinations by type of source--a summary of emission limitations, and a list of control technology determinations for external combustion sources (boilers).

A detailed listing of source type codes and abbreviations for process and emission limits are also shown.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution Industrial Processes Combustion Sources Control Equipment Coal Oil Bark Nitrogen Oxides Scrubbers Baghouses Electrostatic Precipitators	Air Pollution Control Stationary Sources BACT LAER Sulfur Dioxide Particulate VOC	

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BACT/LAER Clearinghouse

Prepared By

Emission Standards And Engineering Division

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning And Standards
Research Triangle Park, North Carolina 27711

May 1984

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DISCLAIMER

This report was prepared by PEDCo Environmental, Inc., Cincinnati, Ohio, under Contract No. 68-02-3512, Work Assignment No. 60. It has been reviewed by the Emission Standards and Engineering Division of the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency and approved for publication. Approval does not signify that the contents necessarily reflect the views and policies of the U.S. Environmental Protection Agency. Mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use. Copies of this report are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

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ACKNOWLEDGMENT

The computerized information listings contained in this report were prepared for the BACT/LAER Clearinghouse by PEDCo Environmental, Inc., Cincinnati, Ohio. Mr. Jack Wunderle served as the Project Director, and Mr. David Dunbar was the Project Manager. The other PEDCo participants in this effort were Mr. Roy Paul and Mr. Joseph Steigerwald. Mr. Gary Rust was the EPA Project Officer.

The project would not have been possible without the excellent cooperation of the many State and local air pollution control agencies and EPA Regional Offices who submitted the necessary technical information.

Special thanks are given to Mr. William Becker, Executive Secretary for STAPPA and ALAPCO, Mr. John Paul from the Regional Air Pollution Control Agency in Dayton, Ohio, representing ALAPCO, and the State, local and EPA Regional Office representatives that attended the September 1983 BACT/LAER workshop meeting in Philadelphia, Pennsylvania, for their overall recommendations, guidance, and support for this BACT/LAER Clearinghouse effort.

INTRODUCTION

BACKGROUND

The Clean Air Act as amended in 1977 prescribes several technology-based limitations affecting new or modified air pollution sources: 1) new source performance standards (NSPS); 2) best available control technology (BACT); and 3) lowest achievable emission rate (LAER). New Source Performance Standards are uniform national emission standards set by EPA for specific categories of new or modified stationary sources. In addition to meeting NSPS, new or modified sources also must install either BACT or LAER, both of which are determined on a case-by-case basis. In all cases, BACT or LAER must be at least as stringent as any applicable NSPS. The BACT requirement, which is a part of the Prevention of Significant Deterioration program (Sections 165 and 169 of the Clean Air Act), applies to emissions in areas that are in attainment with National Ambient Air Quality Standards (NAAQS). The LAER requirement, which is a part of the Nonattainment Program (Sections 171 and 172 of the Clean Air Act), applies to emissions that affect areas that are not in compliance with the NAAQS. While the specific criteria governing a BACT, LAER, or NSPS emission limit vary, the general underlying approach for all such determinations is to require "best control" on all major new or modified sources. In recent years, more State and local air pollution control agencies have assumed the responsibility for implementing BACT and LAER. As this authority is decentralized from the Federal government, it is important that information be made available to control agencies to assist them in making control technology determinations in a nationally consistent manner.

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology

information among the permitting agencies. The information presented in this compilation was abstracted from preconstruction permits and submitted voluntarily by the State and local air pollution control agencies. The Clearinghouse is intended as a reference for State and local agencies in making BACT/LAER decisions.

This report is a supplement to previous Clearinghouse publications issued during 1979 and 1980 and an update to the report issued in May 1982 and April 1983. This edition contains 900 BACT and LAER determinations covering over 100 different source categories and 2400 processes. The control technology information contained herein was submitted by over 25 State and local air pollution control agencies and the EPA Regional Offices. It generally reflects determinations contained in permits issued from January 1980 through January 1984. However, some additional data from later determinations are presented where available. Figure 1 summarizes the control technology determinations received since the publication of the April 1983 report. This listing contains the source type code, the name of the company, and the identification number. The listing is provided to aid State and local agency personnel and other users in quickly identifying the new information available since the 1983 published edition of the Clearinghouse.

REPORT FORMAT

This BACT/LAER report was prepared to provide basic control technology information as well as to facilitate "quick scans" of source category information. It consists of three major parts presented in Appendices A, B, and G:

- Table 1 (Appendix A), which is a summary listing of determinations, basic Agency contact information, and an index reference for additional information.
- Table 2 (Appendix B), which is a summary listing by source type or category of basic information including applicable emission limits.
- Appendix G, which is a detailed listing of all individual source information.

Also, a supplemental Table, Table 2-A (Appendix C) is presented to focus on the special category of external combustion sources (e.g., boilers). A brief description of each follows.

NEW CONTROL TECHNOLOGY DETERMINATIONS SINCE MAY, 1983.

SOURCE TYPE	COMPANY NAME	ID NUMBER
1.1	AMERICAN LIGNITE PRODUCTS	CA-0048
1.1	BASIN ELECTRIC POWER COOP.	WY-0013
1.1	INTERMOUNTAIN POWER PROJECT	UT-0009
1.1	LOWER COLORADO RIVER AUTHORITY	TX-0136
1.1	NSPS COAL/WATER MIXTURE DEMO PROJECT	OH-0063
1.1	PACIFIC POWER & LIGHT	WY-0012
1.2	ANGUS PETROTECH	CA-0069
1.3	APPLIED POWER TECHNOLOGY	CA-0066
1.3	MOBAY CHEMICAL CORP.	MO-0006
1.4	AFTON GENERATING CO.	WY-0003
1.4	HAYFORK COGENERATION PROJECT	CA-0070
1.4	TEXAS ELECTRIC COOP.,INC.	TX-0145
1.4	ULTRASYSTEMS	CA-0077
1.5	INTERNATIONAL PAPER CO.	TX-0144
1.5	STONE CONTAINER CORP.	LA-0042
1.6	CALIFORNIA POWER & LIGHT	CA-0062
1.6	CONTINENTAL CARBON CO.	TX-0124
2.1	DUTCHESS COUNTY RESOURCE RECOVERY	NY-0012
2.1	KATY SEGHERS	UT-0032
2.1	TRANS ENERGY	OR-0004
2.2	COUNTY SANITATION DISTRICTS OF L.A. COUNTY	CA-0033
2.3	CREMATION SERVICES, INC.	OH-0055
2.3	LUBBOCK FEEDLOTS, INC.	TX-0119
3.1	DOW CHEMICAL, USA	LA-0011
3.1	GETTY OIL, KERN RIVER COGENERATION PROJECT	CA-0063
3.1	KISSIMMEE UTILITIES	FL-0029
3.1	PETRO-TEX CHEMICAL CORP.	TX-0130
3.1	PROCTOR & GAMBLE	CA-0067
3.1	SOUTHERN CALIF. EDISON CO.	CA-0047
3.1	TOSCO CORP.	CA-0046
3.1	UNIVERSITY CO-GENERATION LTD., 1983-I	CA-0064
3.1	WARREN RED. CO.	CA-0068
3.2	ENSERCH EXPLORATION CO.	TX-0133

Figure 1. Control technology determinations received since May 1983. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
3.2	LIQUID ENERGY CORP.	TX-0128
3.2	PHILLIPS PETROLEUM CO.	TX-0125
3.2	SANTA FE ENERGY	CA-0073
3.2	TRANSCONTINENTAL GAS PIPELINE CORP.	LA-0043
3.2	WESTAR TRANSMISSION CO.	TX-0134
3.3	ARGO PETROLEUM, FERNDALE LEASE	CA-0074
3.3	GENERAL MOTORS CORP., PROVING GROUNDS	MI-0026
3.3	ORGANIC FUEL PRODUCTION, INC.	TX-0113
4.1	CONTINENTAL CAN CO., USA PLANT #82	OH-0047
4.2	GAZETTE PRESS PRINTING	CA-0054
4.2	H.S. CROCKER CO. PRINTING	CA-0055
4.2	INLAND, DIVISION OF G.M. CORP.	OH-0048
4.2	STECHER-TRAUNG-SCHMIDT	CA-0050
4.3	CHEVROLET - FLINT MANUFACTURING	MI-0035
4.3	FMC CORP. - SAN JOSE ORDINANCE	CA-0059
4.4	KINCAID FURNITURE CO., INC.	NC-0031
4.7	ALENCO DIVISION OF REDMAN BUILDING PRODUCTS	TX-0129
4.7	AMERICAN METAL DECORATING CO.	CA-0053
4.7	SQUARE D CO.	OH-0060
4.7	TIFTON ALUMINUM CO.	LA-0044
4.8	ABITIBI-PRICE CORP.	OH-0049
4.9	ALLOYTEK	MI-0033
4.9	REGAL INTERNATIONAL, INC.	TX-0132
4.12	SOUTHWEST COLOR PRINTING CORP.	TX-0131
4.12	UNITED COLOR PRESS	OH-0061
4.14	FLUORESCENT EQUIPMENT & MFG CO.	OH-00[illegible]
4.14	GUARDIAN INDUSTRIES CORP.	TX-01[illegible]
4.14	MR. SPA, INC.	CA-0060
4.14	PPG INDUSTRIES, INC.	OH-0059
4.14	U.S. AVIEX CO.	MI-0034
5.2	CHEVRON	CA-0045
5.2	TEXAS OLEFINS CO.	TX-0140
5.3	PACIFIC REFINING CORP.	CA-0056

Figure 1. Control technology determinations received since May 1983. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
5.5	AMERICAN PETROFINA CO. OF TEXAS	TX-0127
5.5	CLARK OIL, MT. AIRY REFINERY	LA-0045
5.5	CYPRESS REFINING CO., HILL PETROLEUM CO.	LA-0027
5.5	EXXON CO. USA	CA-0057
5.5	KOCH REFINING CO.	MN-0008
5.5	TOSCO CORP.	CA-0046
5.5	UNION OIL	IL-0028
5.6	CHEVRON USA LUBE OIL	CA-0045
5.6	SOUND REFINING, INC.	WA-0010
5.8	TIME OIL CO.	CA-0051
5.12	AMOCO PRODUCTION	WY-0008
5.12	ATW COMPANY	MI-0032
5.12	CHAMPLIN PETROLEUM	WY-0005
5.12	CHEVRON U.S.A.	WY-0009
5.12	CIG	WY-0011
5.12	CRYSTAL EXPLORATION CO.	MI-0029
5.12	CRYSTAL OIL CO.	LA-0046
5.12	ETEXAS PRODUCERS GAS CO.	TX-0123
5.12	MARATHON OIL CO.	WY-0002
5.12	MOUNTAIN FUEL SUPPLY	WY-0010
5.12	PACIFIC ALASKA LNG ASSOCIATES	AK-0006
5.13	US OIL & REFINING CO.	WA-0009
5.15	DRLGMUD CO.	TX-0116
5.16	PETRO-LEWIS CORP.	CA-0058
5.16	REFINERY WASTE GAS RECOVERY	CA-0065
5.16	TRUNKLINE LNG CO.	LA-0047
6.1	DOW CHEMICAL U.S.A.	WY-0006
6.24	E.I. DUPONT DE NEMOURS	TX-0121
6.43	CHEESEBOROUGH PONDS, INC.	NY-0011
6.45	KOPPERS	IL-0029
6.46	ARCO CHEMICAL CO.	TX-0146
6.53	DOW CHEMICAL, INC., LOUISIANA DIV.	LA-0011

Figure 1. Control technology determinations received since May 1983. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
6.54	SPARTAN MILLS	GA-0016
6.61	ADC-I, LIMITED	NE-0006
6.61	MIDWEST SOLVENTS	IL-0026
6.61	NEW ENGLAND ETHANOL, INC.	ME-0006
6.62	ADVANCE RESEARCH CHEMICALS, INC.	OK-0020
6.62	AEROJET STRATEGIC PROPULSION	CA-0072
6.62	AMERICAN CHROME & CHEMICAL, INC.	TX-0122
6.62	MARATHON OIL CO.	WY-0007
7.3	CARGILL, INC.	WA-0012
7.3	CENTRAL SOYA CO., INC.	TN-0019
7.3	INTERSTATE GRAIN CORP.	TX-0138
7.3	MAXIM FARMS	TX-0112
7.3	MONTE CHRISTO GRAIN CO.	TX-0118
7.4	PAUL MASSON VINEYARDS	CA-0049
7.7	BROCK CANDY CO.	TN-0018
7.9	A.E. STALEY	IL-0027
7.9	QUINCY SOYBEAN	IL-0024
7.11	SNACK FOODS PLANT	CA-0061
7.12	RALSTON PURINA, VAN CAMP SEAFOOD DIV.	AS-0001
7.12	SALYER GRAIN & MILLING CO.	CA-0076
7.12	ZALOOM BROTHERS, INC.	CA-0075
8.1	ARCO METALS CO.	KY-0041
8.2	REYNOLDS METALS CO.	LA-0048
8.3	ASARCO, INC.	WA-0011
8.5	JONES & LAUGHLIN STEEL CORP.	OH-0052
8.5	YORK-HANNOVER SEAMLESS TUBES, INC.	AR-0012
8.8	GULF COAST CHEMICALS, INC.	TX-0115
8.8	MARTIN MARIETTA OF KENTUCKY	KY-0040
8.11	AMERICAN MANUFACTURING CO. OF TEXAS	TX-0142
8.11	FORD MOTOR CO., CASTING DIV.	OH-0051

Figure 1. Control technology determinations received since May 1983. (continued)

NEW DETERMINATIONS (CONTINUED).

SOURCE TYPE	COMPANY NAME	ID NUMBER
8.14	TEXAS ELECTRIC STEEL CASTING CO.	TX-0110
8.16	BULLDOG BATTERY	TX-0111
8.16	HOUSTON SCRAP METAL CO.	TX-0137
8.17	POWERLAB, INC.	TX-0135
8.22	FUSION INC.	TX-0109
8.22	LEVIN FIXTURE CORP.	TX-0117
8.22	WISCONSIN CENTRIFUGAL, INC.	WI-0031
9.1	B.C.R. PAVING CO.	OH-0050
9.1	STEELSTONE INDUSTRIES, INC.	ME-0007
9.2	JOHNS BRICK & TILE CORP.	TX-0120
9.4	ALAMO CEMENT CO.	TX-0139
9.4	FLORIDA CRUSHED STONE	FL-0032
9.8	PABCO INSULATION DIV., FIBERBOARD CORP.	TX-0143
9.17	AUSTINVILLE LIMESTONE CO., INC.	VA-0023
10.1	FEDERAL PAPER BOARD CO., INC.	NC-0019
10.1	LOUISANA-PACIFIC BOILER	CA-0052
10.1	WEYERHAEUSER CO.	WA-0013
10.2	APPLETON PAPERS, INC.	WI-0033
10.2	PROCTOR & GAMBLE PAPER PRODUCTS CO., FOX RIVER*	WI-0032
11.0	MIDWEST FEATHER CO.	OH-0062
11.0	OHIO MEDICAL ANESTHETICS	OH-0057
11.0	PHOENIX DYE WORKS	OH-0056
11.0	TEXAS INSTRUMENTS, INC.	TX-0141
11.0	TRICO INDUSTRIES, INC.	TX-0126
12.0	LORING AIR FORCE BASE	ME-0005
12.0	SCHAAF LANE GREENHOUSE, INC.	OH-0054
12.0	SOUTHERLY WASTEWATER TREATMENT	OH-0053
12.0	UNIVERSITY OF WYOMING	WY-0004
12.0	USAF - CHANUTE BASE	IL-0025

Figure 1. Control technology determinations received since May 1983. (continued)

TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/04/1984

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY	02/15/83	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	1.4
CO-GEN	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	1.4
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
MAYFORK COGENERATION PROJECT	CA	12/14/83	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	1.4
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
TEXAS ELECTRIC COOP.,INC.	TX	02/07/84	TEXAS ACB	JIM CROCKER	(512)-451-5711	1.4
ULTRASYSTEMS	CA	01/12/84	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	1.4
SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.5
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.5
FLORIDA POWER & LIGHT	FL	02/28/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.5
HARNEY ELECT.	OR	08/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.5
INTERNATIONAL PAPER CO.	TX	02/04/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	1.5
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	1.5
STONE CONTAINER CORP.	LA	06/02/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	1.5
SOURCE TYPE -- EXTERNAL COMBUSTION - OTHER						
CALIFORNIA POWER & LIGHT	CA	01/01/84	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
CONTINENTAL CARBON CO.	TX	11/04/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	1.6
HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	1.6
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	1.6

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

PAGE A- 4

Figure 2. Example of summary table - index of control technology determinations (Table 1).

Table 1 - Index of Control Technology Determinations

Table 1 summarizes all the BACT/LAER determinations in the Clearinghouse and lists the contact person most knowledgeable about the decision. Figure 2 is an example of the Table 1 summary. Table 1 also includes the State where each source is located, the date the permit was issued, the agency issuing the permit, name of person to contact within the agency for additional information, a telephone number, and an index (source type code) for locating the more detailed source information contained in Table 2 of the report. A complete listing of all source category codes is contained in Appendix D. The user should familiarize himself/herself with this listing in order to use Tables 1 and 2 effectively.

Table 2 - Control Technology Determinations by Type of Source

Table 2 summarizes the BACT/LAER emission limitations by source category. Figure 3 is an example of the Table 2 format. Table 2 also includes the name of the company, the State where the source is located, the State permit number (or EPA Regional Office file number), the source size, whether the

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/04/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AL ELEC COOP INC	AL AL 071	1780.00MW	M	LIGNITE BOILER	CO	470.00LB/H	B*
						2060.00T/YR	B*
					NOX	2863.00LB/H	N*
						12628.00T/YR	N*
					PM	144.00LB/H	N*
						631.00T/YR	N*
					SO2	3803.00LB/H	N*
						16658.00T/YR	N*
AMERICAN LIGNITE PRODUCTS CA SJ 83-02		14.00MW	N	COMBUSTION, FLUIDIZED BED	CO	34.20LB/H	
					NOX	61.50LB/H	
					PM	7.50LB/H	
					SO2	68.00LB/H	
AMERICAN LIGNITE PROD. C* CA		17.00MW		FLUID BED COMBUSTION	CO	138.00PPM	B*
					NOX	150.00PPM	B*
					PM	.02GR/DSCF	B*
					SO2	115.00PPM	B*
ARIZONA PUBLIC SERVICE C* AZ AZP 78-01		350.00MW	N	COAL FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	
					SO2	.07LB/MMBTU	
				COAL HANDLING AREAS			
				LIMESTONE HANDLING AREAS			
ARKANSAS PWR & LT CO.	AR PSD-AR-48	646.00MW	N	COAL-FIRED STEAM GEN	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
ASSOC. ELECT. COOP., INC. MO		720.00MW	N	BOILER, COAL FIRED (UNIT 3),*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
BASIN ELECTRIC POWER COO* ND		500.00MW	N	BOILER	NOX	2825.00LB/H	B*
						.45LB/MMBTU	B*
					PM	188.00LB/H	N*
						.03LB/MMBTU	N*
					SO2	7637.00LB/H	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

PAGE 9- 1

SOURCE TYPE CODE 1.1

Figure 3. Example of summary table - control technology determinations by type of source (Table 2).

source is new (N) or modified (M), a description of the process or processes being permitted, the emission limitations and pollutants applicable to each permitted process, and the basis for the determination--NSPS (N*), SIP (S*), NAAQS (A*), PSD (P*), BACT (B*), LAER (L*). In some cases, more than one emission limitation is applicable to a given process/pollutant. In those cases, a second emission limitation is listed below the first emission limitation for a given pollutant without the pollutant name being repeated in the column preceding the emission limitation (see listing for Basin Electric Power Coop. in Figure 3). This second emission limitation is referred to in the main BACT/LAER data base as the alternate limit. Because the space available on Table 2 was limited, a number of abbreviations for processes and emission limitations were developed. A complete list of these abbreviations is contained in Appendix E. Some comments have been received regarding the use of these abbreviations. Every effort has been made to use a standard set of abbreviations. In some cases, however, this was not possible. The control

agencies are encouraged to review the abbreviations in Appendix E and submit any suggested revisions. The abbreviations are periodically reviewed and updated accordingly.

Because a particular source may have one or more processes being permitted at a given time, the control agencies are encouraged to review more than one source category for possible assistance in making a BACT or LAER determination. Also, in many cases limited source information made it difficult to properly categorize a source. A quick scan of the "process description" in Table 2 is recommended to minimize such problems and avoid missing a relevant BACT/LAER determination.

Because external combustion sources are of special interest and may possibly be located within a variety of broad source types, a special table (Table 2A) has been prepared (Appendix C). This table summarizes the emission limits and other information for all source type codes where an external combustion process (boiler) has been permitted (i.e., process codes 1.1 to 1.6). Figure 4 is an example of the Table 2A format. Table 2A is organized by process code, then source type code and alphabetically within each source type code.

Appendix - Detailed Source Listings

In addition to Tables 1, 2, and 2A, a complete listing of all source data is provided in a separate appendix (Appendix G) contained in Volumes IIA and IIB of this report. Information presented consists of the ID number (an identification number assigned by the Clearinghouse), source type code, source type name, source size and corresponding units on the source size, company name, street address, city, county, State, zip code, EPA Regional Office, whether determination is BACT (B) or LAER (L), whether source is new (N) or modified (M), date permit was issued, permit or identification number, estimated startup date, agency issuing permit, contact person within agency who is familiar with the control technology information, agency telephone number, process type code (where applicable), process name, throughput capacity and corresponding units, pollutant name, emission limit (for the given pollutant), alternate limit, basis for limit (BACT, LAER, SIP, etc.), control equipment, process modification (modification that would minimize emissions), percent efficiency for the control devices and notes. This listing is intended to

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 3.3							
NEVADA PWR CO./REID GARD*	NV (R)NV 79-03	250.00MW	M	GENERATOR	NOX	.50LB/MMBTU SB. C*	
						.60LB/MMBTU BIT. *	
					PM	.03LB/MMBTU	
					SO2	.29LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 4.4							
STEELCASE, INC.	MI 51-80		M	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 5.6							
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD	M	GEN.UTILITY STEAM,STACK 3	CO	20.00LB/H	B*
					NOX	196.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	160.00LB/H	N*
SOURCE TYPE CODE -- 5.6							
MIAMI VALLEY REFIN. CO.	IN PC(1511485		M	FBC COAL FIRED BOILER	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	
SOURCE TYPE CODE -- 5.6							
SHAWN OIL CO.	VA 78VA04	24000.00BPSD	M	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCALPERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

Figure 4. Example of summary table - control technology determinations for sources with industrial and utility boilers (Table 2A).

provide the maximum manageable amount of technical and administrative information without essentially duplicating a completed permit application.

An additional item has been recently added to the detailed source listing. This additional item (review status) is located in the lower right-hand corner above the source type code. This item indicates the dates on which the determination was reviewed by the agency issuing the permit. Determinations are routinely submitted to the agency issuing the permit for review after the determination has been initially entered into the system to ensure that all the data have been entered properly and after the proposed startup date to ensure that the determination is still applicable given any changes or revisions that may have taken place between the time the original permit was issued and source startup and operation. These reviews allow the information in the clearinghouse to remain current and complete based on the latest information available to the agency issuing the permit. Agencies are obviously encouraged to submit any major revisions to the determinations as they occur, but a provision has been made to routinely submit all determinations for review after initial entry and after the proposed startup date has passed.

Figure 5 is an example of Appendix G or complete listing for one source. Figure 6 is a listing of the BACT/LAER determination data elements.

IMPROVEMENTS TO THE SYSTEM

A meeting was held in September, 1983, in Philadelphia, Pennsylvania, to discuss the overall operation of the BACT/LAER Clearinghouse. Representation consisted of control agencies including members of the State and Territorial Air Pollution Program Administrators (STAPPA) and the Association of Local Air Pollution Control officials (ALAPCO), and EPA Headquarters and Regional Offices. The purpose of this meeting was to review and discuss the ongoing activities of the Clearinghouse and to provide direction for the Clearinghouse in the future. The general consensus of the meeting and followup comments by other State and local agencies was to continue the Clearinghouse in its present form with only minor revisions.

A set of simplified instructions and a Users Manual for the automated system were developed to allow control agencies that currently have access to

APPENDIX -- DETAILED SOURCE LISTING

05/07/1984

SOURCE TYPE/SIZE--- EXTERNAL COMBUSTION - COAL 1780.00 MW

COMPANY NAME/SITE LOCATION AL ELEC COOP INC
P. O. BOC 550
ANDALUSIA, AL 36420
CHOCTAW COUNTY

DETERMINATION IS BACT FOR A NEW SOURCE.
PERMIT NO. AL 071
DETERMINATION MADE BY ALABAMA APCD (AGENCY)
SUE ROBERTSON (AGENCY CONTACT PERSON)
DATE OF PERMIT ISSUANCE-- 02/24/81
ESTIMATED DATE OF START-UP-- 1986
(205)-834-6570 (PHONE)

PROCESSES SUBJECT TO THIS PERMIT	THROUGHPUT CAPACITY	POLLUTANT EMITTED	EMISSION LIMITS	CONTROL EQUIPMENT OR PROCESS MODIFICATION	... & BASIS ... PCT EFF
LIGNITE BOILER	4805.00 MMBTU/H EA				
		PM	144.0000 LB/H 631.0000 T/YR	ESP	NSPS 99.80
		SO2	3803.0000 LB/H 16658.0000 T/YR	FGD	NSPS 90.00
		NOX	2883.0000 LB/H 12628.0000 T/YR	BOILER DESIGN & OPERATION	NSPS
		CO	470.0000 LB/H 2060.0000 T/YR	BOILER DESIGN & OPERATION	BACT

NOTES ----------
ESTIMATED STARTUP DATES -- UNIT 1, 3/84 - UNIT 2, 5/91 - UNIT 3, 7/96 - UNIT 4, 9/01.

(*) INDICATES DATUM WAS TRUNCATED FOR THIS TABLE.

INITIAL REVIEW POST STARTUP
REVIEW STATUS: 04/01/1983

ID NUMBER AL-0001
SOURCE TYPE CODE 1.1

Figure 5. Example of appendix or complete source listing.

ID NUMBER*
SOURCE TYPE CODE*
SOURCE TYPE NAME*
SOURCE SIZE*
SOURCE SIZE UNITS*
COMPANY NAME*
ADDRESS*
CITY*
COUNTY*
STATE INITIALS*
ZIP CODE*
EPA REGION*
BACT/LAER DETERM*
NEW/MODIFIED*
DATE PERMIT ISSUED*
PERMIT NUMBER*
REGION FILE NUMBER*
ESTIMATED STARTUP DATE*
AGENCY CONTACT PERSON*
AGENCY PHONE NUMBER*
NOTES*

PROCESS TYPE CODE*
NAME OF PROCESS*
THROUGHPUT CAPACITY*
THROUGHPUT UNITS*

POLLUTANT NAME*
EMISSION LIMIT*
EMISSION UNITS*
ALTERNATE LIMIT*
ALTERNATE UNITS*
BASIS FOR LIMITS*
CONTROL EQUIPMENT*
PROCESS MODIFICATION*
PERCENT EFFICIENCY*

POLLUTANT NAME*
EMISSION LIMIT*
EMISSION UNITS*
ALTERNATE LIMIT*
ALTERNATE UNITS*
BASIS FOR LIMITS*
CONTROL EQUIPMENT*
PROCESS MODIFICATION*
PERCENT EFFICIENCY*

Figure 6. Computerized listing of BACT/LAER determination data elements.

the EPA Univac Computer in the Research Triangle Park to obtain additional copies of Tables 1 (Appendix A), 2 (Appendix B), 2A (Appendix C), and Appendix G, and to enter and retrieve data directly from the clearinghouse. These instructions and User's Manual are available from:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-13
Research Triangle Park, North Carolina 27711
(919) 541-5571

Other improvements and revisions to the system are being and will continue to be considered as a result of contacts with various State and local agencies. These improvements and revisions will be evaluated and made based on the recommendations of the State and local agencies that are submitting determinations to the Clearinghouse.

PROCEDURES FOR FUTURE SUBMISSIONS TO THE CLEARINGHOUSE

The BACT/LAER Clearinghouse is intended as a dynamic program with periodic updates and new listings welcomed. Submissions by State and local control agencies are entirely voluntary. Without these submittals, however, the viability and usefulness of the program are jeopardized. Agencies are encouraged to make formal submittals at any time.

Information can be submitted in either of two formats. First, it can be submitted on the voluntary form shown in Figure 7. The same basic information can also be directly input into a special State or local agency file that can be set up to receive data via a computer hookup. Agencies are encouraged to use either format for submittals to the Clearinghouse.

In order to facilitate the submission of determinations and corrections, a copy of the form shown in Figure 7 and a set of instructions for completing the input form are provided in Appendix F of this report. This form can be reproduced and used to submit new determinations and/or to update existing information. All questions regarding the Clearinghouse should be directed to:

Mr. Gary Rust
U.S. Environmental Protection Agency
MD-13
Research Triangle Park, North Carolina 27711
(919) 541-5571 (commercial)
629-5571 (FTS)

Mail to: Gary Rust
BACT/LAER Clearinghouse
U.S. EPA (MD-13)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size:[1]

Company Name/Site Location:[3]

Determination is:[4] (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.:[5]

Date of Permit Issuance:[6]

Date of Estimated Start-up:[7]

Determination Made By:[8]
(Agency)

(Person Directly Knowledgeable About Permit) (Phone)

[9] Permit Parameters: (List all processes subject to this permit)	[10] Maximum Design Capacity	[11]* Pollutant Regulated	[12] Emission limit(s) units of emissions/ units of input	[13]** Reg. reqmts. assoc. w/limit	[14] Control equipment of process modification description	[15] Efficiency %

Notes:[15]

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

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Figure 7. BACT/LAER determination form.

APPENDIX A

TABLE 1 INDEX OF CONTROL TECHNOLOGY DETERMINATIONS

TABLE 1. INDEX OF CONTROL TECHNOLOGY DETERMINATIONS.

REPORT DATE 05/11/1984

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- EXTERNAL COMBUSTION - COAL						
AL ELEC COOP INC	AL	02/24/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	1.1
AMERICAN LIGNITE PRODUCTS	CA	01/10/84	EPA REGION IX	JOE SLANOVICH	(415)-974-8235	1.1
AMERICAN LIGNITE PROD. CO.	CA	12/21/83	AMADOR COUNTY APCD	EARL WITHYCOMBE	(916)-862-1233	1.1
ARIZONA PUBLIC SERVICE CO., CHOLLA UNIT*	AZ	02/15/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
ARKANSAS PWR & LT CO.	AR	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
ASSOC. ELECT. COOP., INC.	MO	02/06/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
BASIN ELECTRIC POWER COOP.	ND	01/12/83	NORTH DAKOTA SHD	ROBERT KING	(701)-224-2348	1.1
BASIN ELECTRIC POWER COOP.	WY	05/14/76	WYOMING AQD	ECKART HAAS	(307)-777-7391	1.1
BIG RIVERS ELECT.-D.B. WILSON STATION	KY	03/11/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
BOARD OF PUBLIC UTILITIES	KS	09/29/76	EPA REGION VII	CHARLES SMITHORE	(816)-374-6525	1.1
B.F. GOODRICH	IL	09/16/82	ILLINOIS EPA	CHRIS ROMINE	(217)-782-2113	1.1
CAJUN ELECT. POWER COOP.	LA	03/25/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
CENTRAL POWER & LIGHT	TX	10/19/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
CINCINATI GAS & ELECTRIC CO. - EAST BEN*	KY	05/14/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
CITY OF WILKES-BARRE	PA	07/01/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
COLORADO UTE-CRAIG UNIT #3	CO	03/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
CURTISS-WRIGHT CORP.	NJ	06/13/80	EPA REGION II	STEVE RIVA	(212)-264-8694	1.1
DELMARVA POWER & LIGHT	MD	09/30/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	1.1
DESERET GEN & TRANS, MOON LAKE	UT	02/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
EAST KENTUCKY POWER COOP.	KY	12/02/76	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
EASTMAN KODAK CO., KODAK PARK DIV.	NY	12/20/82	NEW YORK DEC	FRANK SHATTUCK	(716)-226-2466	1.1
E. KENTUCKY POWER CORP.	KY	08/21/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
FLORIDA POWER CORP.	FL	01/15/80	FLORIDA DER	BOB KING	(904)-488-1344	1.1
GRAND HAVEN BOARD OF LT & PWR	MI	03/18/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	1.1
GRAND RIVER DAM AUTHORITY	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
HOLYOKE WATER POWER CO., MT. TOM PWR PL*	MA	10/27/82	MASSACHUSETTS DEQE*	DAVID HOWLAND	(617)-727-8640	1.1
HOUSTON LIGHTING & POWER	TX	10/28/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
HOUSTON LIGHTING & POWER	TX	11/12/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
IA SOUTHERN UTILITIES (CENTERVILLE, IA.)	IA	12/01/76	EPA REGION VII	CHARLES SMITHORE	(816)-374-6525	1.1
IDAHO NAT ENGINEERING LAB.	ID	06/05/81	EPA REGION X	DAVID TETTA	(206)-442-1193	1.1
INDIANA STATEWIDE RURAL ELEC. COOP., ME*	IN	06/28/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INDIANA & MICHIGAN ELEC. CO., ROCKPORT *	IN	10/27/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/11/1984

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
INDIANAPOLIS POWER & LIGHT CO., PATRIOT*	IN	12/14/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
INTERMOUNTAIN POWER PROJECT	UT	10/17/83	UTAH BAQ	DAVID KAPTA	(801)-533-6108	1.1
INTERMOUNTAIN PWR PROJECT-IPP	UT	06/08/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
IOWA ELECTRIC LIGHT & POWER CO.	IA	10/29/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	1.1
IOWA-ILLINOIS GAS & ELECT.	IA	06/16/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
JACKSONVILLE ELECT. AUTHORITY	FL	01/01/82	FLORIDA DER	BOB KING	(904)-488-1344	1.1
KANSAS CITY POWER & LIGHT	MO	01/07/77	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KANSAS POWER & LIGHT CO.	KS	03/30/78	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
KENTUCKY POWER - CARR'S FAC.	KY	04/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
KENTUCKY UTILITIES - HANCOCK POWER PLANT	KY	04/15/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LOUISVILLE GAS & ELECT. - TRIMBLE CNTY *	KY	12/27/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LOUISVILLE GAS & ELECT. - WISE'S LANDIN*	KY	03/01/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
LOWER COLORADO RIVER AUTHORITY	TX	12/22/83	TEXAS ACB	JIM CROCKER	(512)-451-5711	1.1
MARQUETTE BOARD OF LT & PWR	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.1
MICHIGAN SOUTH CENTRAL POWER AGENCY	MI	05/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	1.1
MINN. POWER & LIGHT CO., CLAY-BOSWELL	MN	06/16/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
MORGANTOWN ENERGY RESEARCH CENTER	WV	09/20/79	EPA REGION III	EILEEN GLEN	(215)-597-8187	1.1
MUSCATINE POWER & WATER	IA	01/24/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
NE PUBLIC POWER DIST./GENTLEMAN #2	NE	02/09/77	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	1.1
NEBRASKA PUBLIC POWER DIST.	NE	12/16/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	1.1
NEVADA POWER CO.	NV	04/13/81	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	1.1
NEW ENGLAND POWER CO., BRAYTON POINT ST*	MA	11/01/80	MASSACHUSETTS DEQE*	VAUGHAN STEEVES	(617)-727-1440	1.1
NORTHERN INDIANA PUBLIC SERVICE CO.	IN	03/31/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
NORTHERN STATE POWER CO., SHERBURNE STA	MN	04/25/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
NSPS COAL/WATER MIXTURE DEMO PROJECT	OH		PORTSMOUTH	FRANK PHILLIPS	(614)-353-5153	1.1
NY STATE ELECT. & GAS - CYUGA STATION	NY	06/29/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.1
OKLAHOMA GAS & ELECT. CO.	OK	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
OKLAHOMA GAS & ELECT. CO.	OK	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PACIFIC POWER & LIGHT	WY	12/01/75	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	1.1
PANORAMA ENERCORP, INC	WA	09/22/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.1
PENNSYLVANIA ELECT. CO.	PA	08/18/81	EPA REGION III	DAVID ARNOLD	(215)-597-7936	1.1
PLAINS ELECT. GEN & TRANS	NM	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.1
PLATTE RIVER PWR-RAWHIDE	CO	05/22/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	1.1
SALT RIVER PROJECT CORONADO STATION UNI*	AZ	04/10/78	EPA REGION IX	JIM HANSON	(415)-974-8038	1.1
SANDOW STEAM ELECT. STATION	TX	09/20/77	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SIERRA PACIFIC POWER CO.	NV	04/04/78	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

TABLE 1. INDEX (CONTINUED).

REPORT DATE 05/11/1984

SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SIKESTON BOARD OF MUNICIPAL UTILITIES	MO	07/14/77	EPA REGION VII	CHARLES [illegible]	(816)-374-6725	1.1
SOUTHWESTERN PUBLIC SERVICE	TX	03/20/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	1.1
SUNFLOWER ELECT. COOP., INC. - HAYS, KS.	KS	05/19/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.1
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BURYAK	(214)-767-1594	1.1
SW ELECT. POWER	LA	09/01/81	EPA REGION VI	JOHN BURYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX		EPA REGION VI	JOHN BURYAK	(214)-767-1594	1.1
SW ELECT. POWER	TX	03/30/78	EPA REGION VI	JOHN BURYAK	(214)-767-1594	1.1
S.C. PUBLIC SERVICE AUTHORITY	SC	12/03/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	1.1
TACOMA CITY LIGHT	WA	05/11/82	EPA REGION X	DAVID TETTA	(206)-442-1597	1.1
TAMPA ELECT. CO.	FL	10/15/81	FLORIDA DER	BOB KING	(904)-488-1344	1.1
TUCSON ELECT. POWER CO. UNIT #3	AZ	04/11/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TUCSON ELECT. POWER CO. UNITS #1 & 2	AZ	12/21/77	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	1.1
TVA - AFBC PILOT PLANT - SHAWNEE STEAM *	KY	04/14/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
TVA - PARADISE - DRAKESBORO	KY	06/25/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	1.1
UTAH PWR & LT CO-HUNTER STATION	UT	06/30/80	EPA REGION VIII	JOHN DALE	(303)-837-3765	1.1
WASHINGTON WATER POWER CO.	WA	11/17/82	EPA REGION X	PAUL BOYS	(206)-442-1597	1.1
WEST TEXAS UTILITIES CO.	TX	05/20/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	1.1
WISCONSIN ELEC. POWER CO., PLEASANT PRA*	WI	02/09/76	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN POWER & LIGHT CO., EDGEWATER *	WI	04/26/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
WISCONSIN PUBLIC SERVICE CORP., WESTON *	WI	05/11/77	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.1
SOURCE TYPE -- EXTERNAL COMBUSTION - OIL						
ANGUS PETROTECH	CA	11/09/83	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	1.2
HOOKER CHEMICAL & PLASTICS CORP.	MO	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8166	1.2
HOUSTON LIGHTING & POWER	TX	01/16/80	EPA REGION VI	JOHN BURYAK	(214)-767-1594	1.2
NORTHERN INDIANA PUBLIC SERVICE CO., SC*	IN	09/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.2
SOURCE TYPE -- EXTERNAL COMBUSTION - NATURAL GAS						
APPLIED POWER TECHNOLOGY	CA	11/29/83	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	1.3
CONSUMERS POWER CO.	MI	06/01/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	1.3
MORAY CHEMICAL CORP.	MO	08/16/83	KANSAS CITY AQS	LARRY COLE	(816)-374-6501	1.3
SOUTHERN NAT. GAS	MS	08/21/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	1.3

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- EXTERNAL COMBUSTION - WOOD WASTE						
AFTON GENERATING CO.	WY	02/15/83	WYOMING AQD	LEE GRICOVICZ	(307)-332-3144	1.4
CO-GEN	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	1.4
CO-GEN., INC.	ID	03/15/83	EPA REGION X	PAUL BOYS	(206)-442-1193	1.4
HAYFORK COGENERATION PROJECT	CA	12/14/83	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	1.4
MCNEIL GENERATING STATION	VT	05/01/80	VERMONT AEC	HAROLD GARABEDIAN	(802)-828-3395	1.4
TEXAS ELECTRIC COOP.,INC.	TX	02/07/84	TEXAS ACB	JIM CROCKER	(512)-451-5711	1.4
ULTRASYSTEMS	CA	01/12/84	NORTH COAST UNITED*	CHUCK SASSENRATH	(707)-443-3093	1.4
SOURCE TYPE -- EXTERNAL COMBUSTION - MULTIPLE FUELS						
AMES MUNICIPAL POWER PLANT	IA	11/05/79	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	1.5
CITY OF COLUMBUS	OH	10/16/79	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	1.5
FLORIDA POWER & LIGHT	FL	02/20/80	FLORIDA DER	ED PALAGYI	(904)-488-1344	1.5
GULF STATES UTILITY	LA	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.5
HARNEY ELECT.	OR	03/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	1.5
INTERNATIONAL PAPER CO.	TX	02/04/84	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	1.5
POWER AUTHORITY STATE OF NEW YORK	NY	02/22/82	EPA REGION II	DENNIS SANTELLA	(212)-264-9628	1.5
STONE CONTAINER CORP.	LA	06/02/83	LAED/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	1.5
SOURCE TYPE -- EXTERNAL COMBUSTION - OTHER						
CALIFORNIA POWER & LIGHT	CA	01/01/84	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
CONTINENTAL CARBON CO.	TX	11/04/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	1.6
HOUSTON LIGHTING & POWER	TX	09/10/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
METROPOLITAN SERVICE DISTRICT	OR		OREGON DEQ	LLOYD KOSTON	(503)-229-5106	1.6
OCCIDENTAL GEOTHERMAL - OXY #1	CA	05/10/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	07/27/82	EPA REGION IX	MATT HABER	(415)-974-8209	1.6
TEXAS UTILITIES GEN CO.	TX	09/22/77	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	02/09/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	1.6
TEXAS UTILITIES SERVICE, INC.	TX	01/17/78	EPA REGION VI	JOE WINKLER	(214)-767-1594	1.6

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WESTCHESTER COUNTY RESOURCE RECOVERY	NY	02/22/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	1.6
SOURCE TYPE -- REFUSE INCINERATION						
DUTCHESS COUNTY RESOURCE RECOVERY	NY	10/14/83	NEW YORK DEC	JAMES HARRINGTON	(518)-457-2018	2.1
ENERGY ANSWERS CORP.	MA	03/15/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
HOOKER ENERGY CORP.	NY	07/23/81	EPA REGION II	BARRY TORNICK	(212)-264-9579	2.1
KATY SEGHERS	UT	02/24/84	UTAH BAQ	DAVID KOPTA	(801)-533-6108	2.1
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	04/25/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1
MCKAY BAY REFUSE-TO-ENERGY PROJECT	FL	07/02/82	FLORIDA DER	JOHN SVEC	(904)-488-1344	2.1
MUNICIPAL INCINERATOR PULASKI HWY	MD	01/25/80	EPA REGION III	ED VOLLBERG	(215)-597-8990	2.1
NESWC RESOURCE RECOVERY FACILITY	MA	05/27/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
N.E. MARYLAND WASTE DISPOSAL AUTHORITY	MD	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.1
REDDY CREEK IMPROVEMENT DIST	FL	02/11/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	2.1
REFUSE FUELS, INC.	MA	03/23/81	EPA REGION I	JOHN COURCIER	(617)-223-4448	2.1
RESOURCES AUTHORITY	TN	08/01/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	2.1
STEAM SUPPLY CORP.	OK	12/16/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	2.1
TRANS ENERGY	OR	12/19/83	OREGON DEQ	WENDY SIMS	(503)-229-5259	2.1
SOURCE TYPE -- SEWAGE SLUDGE INCINERATION						
CITY OF L.A., HYPERION, BUREAU OF ENGIN*	CA	09/30/82	EPA REGION IX	RICK SUGAREK	(415)-974-8224	2.2
COUNTY SANITATION DISTRICTS OF L.A. COU*	CA	02/13/84	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	2.2
SOURCE TYPE -- OTHER SOLID WASTE DISPOSAL						
CREMATION SERVICES, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	2.3
DELAWARE SOLID WASTE AUTHORITY	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
DELAWARE SOLID WASTE II	DE	03/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	2.3
LUBBOCK FEEDLOTS, INC.	TX	02/16/83	TEXAS ACB	RALPH BOHLER	(512)-451-5711	2.3
WATSON ENERGY SYS, INC.	CA	01/03/80	EPA REGION IX	BOB BAKER	(415)-974-8220	2.3

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SOURCE TYPE -- NATURAL GAS TURBINES						
CHUGACH ELECTRIC ASSOCIATION, UNIT #4	AK	08/06/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
COLORADO INTERSTATE GAS	KS	10/19/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
CROWN ZELLERBACH, INC.	CA	03/01/82	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	3.1
DOW CHEMICAL, USA	LA	11/14/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	3.1
GETTY OIL, KERN RIVER COGENERATION PROJ*	CA	11/03/83	EPA REGION IX	MATT HABER	(415)-974-8209	3.1
KISSIMMEE UTILITIES	FL	03/30/84	FLORIDA DER	TERESA HERON	(904)-488-1344	3.1
NEVADA PWR CO., CLARK STATION UNIT #7	NV	10/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	3.1
NEVADA PWR CO., CLARK STATION UNIT #8	NV	09/11/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	3.1
NORTHERN NATURAL GAS	KS	03/12/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PANHANDLE EAST. PIPELINE CO.	KS	11/18/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
PETRO-TEX CHEMICAL CORP.	TX	12/21/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	3.1
PROCTOR & GAMBLE	CA	05/10/83	EPA REGION IX			3.1
PRUDHOE BAY CONSORTIUM	AK	09/29/81	EPA REGION X	DAVID TETTA	(206)-442-1193	3.1
PUGET SOUND POWER & LIGHT	WA	08/23/82	EPA REGION X	PAUL BOYS	(206)-442-1567	3.1
SOUTHERN CALIF. EDISON CO.	CA	04/25/83	EPA REGION IX	MATT HABER	(415)-974-8209	3.1
SW GAS STORAGE CO., PANHANDLE EAST. PIP*	KS	12/11/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
TEXAS EASTERN TRANSMISSION CO.	PA	07/07/82	EPA REGION III	VERNON BUTLER	(215)-597-2711	3.1
TOSCO CORP.	CA	12/13/83	EPA REGION IX	MATT HABER	(415)-974-8209	3.1
UNIVERSITY CO-GENERATION LTD., 1983-I	CA	03/21/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	3.1
VULCAN MATERIALS CO.	KS	07/23/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.1
WARREN RED. CO.	CA	10/19/83	KERN COUNTY APCD	IVAN NEO	(805)-861-3682	3.1
SOURCE TYPE -- NATURAL GAS COMPRESSORS						
ALGONQUIN GAS TRANSMISSION CO.	CT	03/05/82	EPA REGION I	JOHN COURCIER	(617)-223-4448	3.2
ANR STORAGE CO.	MI	04/01/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	3.2
CO INTERSTATE GAS, CHEYENNE	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, DEERTRAIL	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, FLANK	CO	10/24/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, KIT CARSON	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, TOTEM/LONG	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CO INTERSTATE GAS, WATKINS	CO	09/12/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
CONSOLIDATED GAS SUPPLY CORP.	WV	09/14/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	3.2

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EL PASO NATURAL GAS CO., WASHINGTON RAN*	NM	05/14/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
ENSERCH EXPLORATION CO.	TX	12/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
GETTY OIL CO.	TX	10/12/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
LIQUID ENERGY CORP.	TX	11/10/82	TEXAS ACB	KAREN HORNE	(512)-451-5711	3.2
LLANO, INC.	NM	06/22/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
MICHIGAN WISCONSIN PIPE LINE CO.	MI	11/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	3.2
PANHANDLE EAST. PIPELINE CO.	KS	07/28/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.2
PANHANDLE EAST. PIPELINE-FRED.	CO	11/25/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
PANHANDLE EAST., FT. LUPTON	CO	05/29/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	3.2
PHILLIPS PETROLEUM CO.	TX	12/15/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
SANTA FE ENERGY	CA	12/02/82	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	3.2
SOUTHERN NAT. GAS	AL	01/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
SOUTHERN NAT. GAS	AL	06/04/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	3.2
TENNESSEE GAS PIPELINE CO.	PA	03/01/83	PENNSYLVANIA BAQ, *	WILLIAM CHARLTON	(814)-724-8530	3.2
TRANSCONTINENTAL GAS PIPELINE CORP.	LA	10/14/83	LAQD/EPA REGION VI	MARENDRA RAOL	(504)-342-8940	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	09/23/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., BITTER LAKE *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., ISLER NO. 1 *	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., KEMNITZ STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., RED BLUFF ST*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
TRANSWESTERN PIPELINE CO., MALJAMAR STAT*	NM	05/03/82	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	3.2
VALERO TRANSMISSION CO.	TX	09/09/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
WESTAR TRANSMISSION CO.	TX	12/07/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	3.2
SOURCE TYPE -- OTHER INTERNAL COMBUSTION						
ARCO PETROLEUM, FERNDALE LEASE	CA	09/30/83	VENTURA COUNTY	KEITH DUVAL	(805)-654-2664	3.3
CAJUN ELECT. POWER COOP.	LA	03/30/78	EPA REGION VI	JOHN BUNTAK	(214)-767-1594	3.3
CITY OF AUGUSTA	KS	05/29/81	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
CITY OF KINGMAN	KS	03/01/83	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	3.3

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CITY OF OTTAWA	KS	12/02/80	EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
EMPIRE DIST. ELECT. CO.	MO	01/07/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	3.3
FLORIDA POWER	FL	01/21/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	3.3
GENERAL MOTORS CORP., PROVING GROUNDS	MI	03/14/84	MICHIGAN DNR	KENNETH TERRY	(517)-322-1333	3.3
GULF STATES UTILITY	LA	01/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	3.3
GULF STATES UTILITY	LA	12/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	3.3
HOFFMANN-LAROCHE, INC.	NJ	08/17/81	EPA REGION II	LARRY KARAS	(212)-264-9538	3.3
KILN-GAS R & D INC.	IL		ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	3.3
MUNICIPAL GENERATING PLANT	KS		EPA REGION VII	STEVE KOVAC	(816)-374-6525	3.3
NEVADA PWR CO./REID GARDNER STATION	NV	01/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	3.3
ORGANIC FUEL PRODUCTION, INC.	TX	02/16/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	3.3
PRUDHOE BAY CONSORTIUM	AK	12/17/80	EPA REGION X	PAUL BOYS	(206)-442-1193	3.3
SEA WORLD, INC.	CA	06/11/82	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	3.3
SEA WORLD, INC.	CA	05/12/83	SAN DIEGO APCD	GUS ANDERSON	(619)-565-3925	3.3
SEBRING UTILITIES COMMISSION	FL	04/03/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	3.3
SHELL OIL CO.	TX	03/27/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	3.3
TRENTON DISTRICT ENERGY CO.	NJ	10/29/81	EPA REGION II	LARRY KARAS	(212)-264-9538	3.3
SOURCE TYPE -- SURFACE COATING - CANS/COILS						
BALL METAL CONTAINER GROUP	OH	04/10/81	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	4.1
CONTINENTAL CAN CO., USA PLANT #82	OH	07/01/83	REGIONAL APCA	JAMES GROSS	(513)-225-4435	4.1
EVANS COOPERAGE CO., INC.	OK	05/04/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	4.1
MILLER BREWING CO.	GA	07/02/79	GEORGIA EPD	HAI CHANG	(404)-656-6900	4.1
NATIONAL CAN CORP.	IL	11/09/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	4.1
PREFINISH METALS	OH	05/04/79	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	4.1
STROH CONTAINER	OH	08/30/79	OHIO EPA NWD	DON WALTERMEYER	(419)-352-8461	4.1
SOURCE TYPE -- SURFACE COATING - PAPERS/FABRICS						
ALLIED PRINTERS & PUBLISHERS, INC.	OK	03/13/81	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	4.2
AVERY INTERNAT	OH	06/11/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	4.2
DIETZGEN CORP.	IL	12/11/80	EPA REGION V	CHRIS ROMAINE	(217)-782-2113	4.2
FRYE COPY SYS, INC	IN	11/07/00	INDIANA APCD	FRANK PROFIT	(317)-633-0664	4.2

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GAZETTE PRESS PRINTING	CA	12/20/82	BAY AREA AQMD	MUHAMAD MDAZED	(415)-771-6000	4.2
H.S. CROCKER CO. PRINTING	CA	03/21/82	BAY AREA AQMD	MOHAMAD MDAZED	(415)-771-6000	4.2
INLAND, DIVISION OF G.M. CORP.	OH	09/18/80	REGIONAL APCA	JAMES GROSS	(513)-225-4435	4.2
INTERNAT. LABEL MFG. FAC.	TN	03/26/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.2
ITEN FIBRE CO.	OH	12/23/81	OHIO EPA NED	DENNIS EUSH	(216)-425-9171	4.2
MURPAY RUBBER, (MEAD COMPANY)	TX	07/01/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	4.2
NDM CORP.	OH	07/23/82	RAPCA - DAYTON,OH	THURMAN SMITH	(513)-225-4435	4.2
STECHER-TRAUNG-SCHMIDT	CA	10/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	4.2
SOURCE TYPE -- SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHEVROLET - FLINT MANUFACTURING	MI	03/07/84	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	4.3
CHRYSLER CORP.	MI	06/05/80	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	4.3
FMC CORP. - SAN JOSE ORDINANCE	CA	06/22/82	BAY AREA AQMD	BRIAN BATEMAN	(415)-771-6000	4.3
FORD MOTOR CO.	MI	01/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	4.3
GM WORLD WIDE TRUCK DIV	OH	05/13/80	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	4.3
VOLKSWAGEN OF AM	MI	06/01/80	MICHIGAN DNR	JON TROUT	(517)-322-1333	4.3
SOURCE TYPE -- SURFACE COATING - METAL FURNITURE						
KINCAID FURNITURE CO., INC.	NC	10/17/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	4.4
STEELCASE, INC.	MI	06/01/80	MICHIGAN DNR	JOHN CAUDELL	(517)-322-1333	4.4
SOURCE TYPE -- SURFACE COATING - MAGNET WIRE						
PHELPS DODGE, MAGNET WIRE CORP.	KY	03/25/75	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.5
SOURCE TYPE -- SURFACE COATING - LARGE APPLIANCES						
SANYO E&E CORP.	CA	08/21/81	SAN DIEGO APCD	LORENZO ALEJANDRIA	(619)-565-3914	4.6

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SOURCE TYPE -- SURFACE COATING - MISC. METAL PARTS/PRODUCTS						
ALENCO DIVISION OF REDMAN BUILDING PROD*	TX	04/17/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	4.7
AMERICAN METAL DECORATING CO.	CA	03/07/80	BAY AREA AQMD	JOHN PHILLIPS	(415)-771-6000	4.7
MARK IND.	TX	10/20/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	4.7
SQUARE D CO.	OH	01/25/84	SOUTHWEST OHIO APCA	THOMAS TUCKER	(513)-251-8777	4.7
TIFTON ALUMINUM CO.	LA	01/10/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	4.7
SOURCE TYPE -- SURFACE COATING - FLATWOOD PANELING						
ABITIBI-PRICE CORP.	OH	07/07/83	TOLEDO ENVIRONMENT*	DALE KRYGIELSKI	(419)-693-0350	4.8
SOURCE TYPE -- SOLVENT DEGREASING						
ALLOYTEK	MI	08/05/83	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	4.9
BRIGGS & STRATTON CORP.	WI	03/04/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.9
REGAL INTERNATIONAL, INC.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(512)-451-5711	4.9
SOURCE TYPE -- GRAPHIC ARTS						
BEMIS CARPHANE FILMS	WI	08/25/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BEMIS CO.	WI	11/13/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
BEMIS SPECIALTY FILMS	WI	12/21/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	4.12
EPOHN PRINTING	KY	07/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	4.12
COLUMBUS COATED FABRICS	OH	04/29/81	OHIO EPA CD	VICTOR FISHER	(614)-864-3195	4.12
CONTAINER CORP. OF AM	IN	10/31/80	INDIANA APCD	FRANK PROFIT	(317)-633-0664	4.12
CPS INDUSTRIES	TN		TENNESSEE APCD	ANN NIELSON	(615)-741-3651	4.12
DIVERSIFIED PRINTING	TN	03/10/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	4.12
R. J. R. ARCHER,INC.	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	4.12
R.R. DONNELLEY & SONS CO.	IL	03/18/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	4.12
SOUTHWEST COLOR PRINTING CORP.	TX	09/22/82	TEXAS ACB	ART KELLOGG	(713)-634-3357	4.12
UNITED COLOR PRESS	OH	09/17/83	SOUTHWEST OHIO APCA	RAY SILBERNAGEL	(513)-251-8777	4.12
WORLD COLOR PRESS	IL	01/13/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	4.12

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
W.F. HALL PRINTING CO.	GA	10/04/82	GEORGIA EPD	BILL FARRISEE	(404)-656-4867	4.12
SOURCE TYPE -- OTHER ORGANIC EVAPORATION LOSS						
BROYHILL FURNITURE	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	4.14
FLUORESCENT EQUIPMENT & MFG CO.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	4.14
GUARDIAN INDUSTRIES CORP.	TX	06/08/83	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	4.14
MEREDITH CORP.	IA	04/15/82	EPA REGION VII	STEVE KOVAC	(816)-374-6525	4.14
MR. SPA, INC.	CA	09/08/83	VENTURA COUNTY APCD	KEITH DUVAL	(805)-654-2664	4.14
PPG INDUSTRIES, INC.	OH	01/06/84	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	4.14
ROCKWELL INTERNATIONAL	OK	07/08/80	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	4.14
SOLVENT RESOURCE RECOVERY	OH	07/07/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	4.14
U.S. AVIEX CO.	MI	10/14/83	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	4.14
SOURCE TYPE -- PETROLEUM REFINING - SEPARATION						
ARCO PETROLEUM PROD. CO.	CA	04/06/79	EPA REGION IX	RICK SUGAREK	(415)-974-8058	5.1
GULF STATES OIL & REFINING CO.	TX	12/04/80	TEXAS ACB	STUART KEIL	(512)-451-5711	5.1
THE DOW CHEMICAL CO.	TX	12/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.1
SOURCE TYPE -- PETROLEUM REFINING - CONVERSION						
ASHLAND OIL, INC.	KY	09/21/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	5.2
CHAMPLIN PETROLEUM CO.	CA	03/24/80	EPA REGION IX	LARRY BOWERMAN	(415)-974-8213	5.2
CHAMPLIN PETROLEUM CO.	TX	11/13/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.2
CHEVRON	CA	10/06/81	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	5.2
EXXON CO., USA/BAYWAY REFIN.	NJ	10/27/80	EPA REGION II	LARRY KARAS	(212)-264-9538	5.2
TEXAS OLEFINS CO.	TX	11/23/83	TEXAS ACB	KAREN NEUMANN	(512)-451-5711	5.2
UNITED REFINING CO.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.2
SOURCE TYPE -- PETROLEUM REFINING - TREATING						

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ENDEVCO, INC.	AR	12/03/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.3
OIL INTERNATIONAL LTD	MT	03/10/83	STATE OF MONTANA	HARRY FELTZ	(406)-449-3454	5.3
PACIFIC REFINING CORP.	CA	09/28/83	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	5.3
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	5.3
SOURCE TYPE -- PETROLEUM REFINING - FEEDSTOCK						
AMOCO OIL CO.	IN	02/27/81	INDIANA APCD	KEN KEARNEY	(317)-633-0647	5.4
ARCO PIPELINE CO.	PA	01/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	5.4
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.4
SOURCE TYPE -- PETROLEUM REFINING - AUXILIARY						
ALLIED MATERIALS CORP.	OK	09/30/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.5
AMERICAN PETROFINA CO. OF TEXAS	TX	01/21/83	TEXAS ACB	STUART KEIL	(512)-451-5711	5.5
AMOCO	TX	12/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
AMOCO TEXAS REFINING CO.	TX		EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CALCASIEU REFIN.	LA	07/22/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CAROLINA REFINING & DIST	GA	09/10/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	5.5
CHAMPLIN PETROLEUM CO.	TX	04/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CHEVRON USA REF.	MS	12/10/80	MISSISSIFPI DNR	DWIGHT WILEY	(601)-354-2550	5.5
CHEVRON USA, INC.	CA	04/09/82	BAY AREA AQMD	JOHN SWANSON	(415)-771-6000	5.5
CITIES SERVICE CO.	LA	01/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CLARK OIL CO., WOOD RIVER REFIN.	IL	09/25/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
CLARK OIL, MT. AIRY REFINERY	LA	12/22/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	5.5
COASTAL STATES PETROLEUM	TX	10/14/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
CONOCO, INC.	LA	10/08/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.5
CONOCO, INC.	LA	08/10/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
CRA,INC.	KS	09/04/80	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
CYPRESS REFINING CO., HILL PETROLEUM CO.	LA	01/03/84	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	5.5
DIAMOND SHAMROCK CORP.	TX	09/04/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
EXXON CHEMICAL AMERICAS	TX	07/30/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
EXXON CO. USA	CA	12/10/80	BAY AREA AQMD	LEONARD CLAYTON	(415)-771-6000	5.5
FRIENDSWOOD REFIN.	TX	06/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5

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GETTY OIL CO.	CA	08/24/82	EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	5.5
GOOD HOPE REFIN., INC.	LA	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/13/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
GULF OIL CO.	TX	10/21/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
HAWAIIAN INDEPEN. REFIN.	HI	08/18/81	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	5.5
HIGH PRAIRIE ENERGY CO.	MT	09/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.5
HILL PETROLEUM	LA	03/10/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
HYDROCARBON RECYCLERS, INC.	OK	05/14/82	TULSA CITY-COUNTY *	JIM VAN SANDT	(918)-744-1000	5.5
INDEPENDENT REFIN.	TX	09/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
KOCH REFINING CO.	MN	08/18/81	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	5.5
KOCH REFINING CO.	MN	01/25/83	MINNESOTA PCA	AHTO NIEMIOJA	(612)-296-7718	5.5
LONGVIEW REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
MARATHON OIL CO.	IL	09/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
MARATHON OIL CO.	TX	03/03/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
NATIONAL COOP. REFIN. ASSOC.	KS	07/17/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	5.5
NEDERLAND PROCESSING CO.	TX	10/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PETRACO VALLEY OIL & REFINING CO.	TX	10/15/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PHILLIPS PETROLEUM CO.	TX	10/15/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
PROCESS REFIN. CO.	CA	09/19/79	EPA REGION IX	MATT HABER	(415)-974-8058	5.5
PROVIDENT ENERGY CO.	AZ	03/03/80	EPA REGION IX	JIM HANSON	(415)-974-8038	5.5
SABER REFIN.	TX	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SIGMORE REFIN. CO.	TX	12/10/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
SOUTHERN UNION REFIN.	NM	10/05/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
STANDARD OIL	OH	03/08/82	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	5.5
SUNOCO	PA	03/20/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.5
TENNECO	LA	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.5
TEXACO, INC.	LA	11/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TEXACO, INC.	LA	04/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TEXACO, INC.	TX	06/20/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
TOSCO CORP.	CA	06/18/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	5.5
TOSCO CORP.	CA	02/19/82	BAY AREA AQMD	JIM KARAS	(415)-771-6000	5.5
UNI OIL	TX	03/12/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5
UNION OIL	IL	06/09/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	5.5
VENTECH REFIN.	LA	02/13/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.5

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SOURCE TYPE -- PETROLEUM REFINING - ENTIRE OPERATION						
CHEVRON USA LUBE OIL	CA	04/08/82	BAY AREA AQMD	ELLEN LINDER	(415)-771-6000	5.6
GARY WESTERN REFIN.	CO	06/24/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.6
HAMPTON ROADS ENERGY CO.	VA	01/25/80	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
HESS OIL - VIRGIN ISLANDS	VI	02/09/82	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
HILL PETROLEUM CO.	LA	10/09/80	EPA REGION VI	JOE WINKLER	(214)-767-2600	5.6
MIAMI VALLEY REFIN. CO.	IN	01/07/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	5.6
MITCHELL ENERGY	TX	07/24/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.6
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	5.6
SOUND REFINING, INC.	WA	10/17/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	5.6
SUNLAND REFIN. CORP.	CA	09/22/80	EPA REGION IX	DAVID SOLOMON	(415)-454-8066	5.6
SWAIN OIL CO.	VA	03/30/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	5.6
VIRGIN ISLANDS REFINERY CORP.	VI	09/04/81	EPA REGION II	ED NOWAK	(212)-264-8690	5.6
SOURCE TYPE -- BULK TERMINALS						
AMOCO OIL CO., GRANVILLE	WI	06/23/80	WISCONSIN DNR	ELIZABETH SPAETH	(414)-257-4929	5.7
ASHLAND PETROLEUM CO.	KY	04/01/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	5.7
BAYTANK INC., HOUSTON	TX	02/12/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.7
SOURCE TYPE -- BULK PLANTS						
TIME OIL CO.	CA	12/23/80	BAY AREA AQMD	KELLY WEE	(415)-771-6000	5.8
SOURCE TYPE -- STORAGE OF PETROLEUM LIQUIDS						
MCKESSON CHEMICAL CO.	OK	10/01/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	5.9
SOURCE TYPE -- TRANSPORT & MARKETING - PETROLEUM PRODUCTS						
COLUMBIA GAS TRANSMISSION CORP.	OH	04/13/81	OHIO EPA CO	GEORGE DEMIS	(614)-864-3195	5.11

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CRYSEN REFINING, WESTERN DIV.	UT	11/12/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.11
DEPT. OF THE NAVY	TX	09/15/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.11
NORTHERN ALASKAN PIPELINE	AK	02/23/81	EPA REGION X	PAUL BOYS	(206)-442-1193	5.11
NORTHERN TIER	AK	09/14/81	EPA REGION X	PAUL BOYS	(206)-442-1193	5.11
SOURCE TYPE -- NATURAL GAS/GASOLINE PROCESSING PLANTS						
AMERADA HESS	TX	05/14/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
AMOCO PRODUCTION	WY	12/20/79	WYOMING AQD	BERNIE DAILEY	(307)-777-7391	5.12
AMOCO PRODUCTION CO.	ND	01/12/83	NORTH DAKOTA SHD	GARY HELBLING	(701)-224-2348	5.12
ATW COMPANY	MI	04/28/83	MICHIGAN DNR	LAURA OTNELL	(517)-322-1333	5.12
CHAMPLIN PETROLEUM	WY	11/08/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	5.12
CHAMPLIN PETROLEUM CO.	TX	01/11/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
CHEVRON U.S.A.	WY	05/28/80	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	5.12
CIG	WY	08/25/76	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	5.12
CRYSTAL EXPLORATION CO.	MI	11/30/82	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	5.12
CRYSTAL OIL CO.	LA	10/19/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	5.12
DELHI GAS PIPELINE CORP.	TX	04/29/82	TEXAS ACB	STUART KEIL	(512)-451-5711	5.12
ENDERCO	AR	02/23/83	ARKANSAS DEP	CECIL HARRELL	(501)-562-7444	5.12
ETEXAS PRODUCERS GAS CO.	TX	10/05/82	TEXAS ACB	JENNIFER SEINFELD	(512)-451-5711	5.12
EXXON CO., U.S.A.	TX	02/09/82	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.12
LIQUID ENERGY CORP.	NM	12/10/81	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
MAPCO PRODUCTION CO.	NM	01/14/83	AIR QUALITY BUREAU*	SHANKAR ANANTHAKRI*	(505)-984-0020	5.12
MARATHON OIL CO.	WY	01/20/83	WYOMING AQD	CHUCK COLLINS	(307)-777-7391	5.12
MOUNTAIN FUEL SUPPLY	WY	08/01/78	WYOMING AQD	LEE GRIBOVICZ	(307)-332-3144	5.12
PACIFIC ALASKA LNG ASSOCIATES	AK	01/30/84	ALASKA DEC	DAVE ESTES	(907)-465-2666	5.12
PHILADELPHIA GAS WORKS	PA	05/15/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	5.12
PHILLIPS PETROLEUM CO.	ND	10/25/82	NORTH DAKOTA SHD	GARY HELBING	(701)-224-2348	5.12
PHILLIPS PETROLEUM CO.	NM	10/09/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.12
PHILLIPS PETROLEUM CO.	TX	01/30/80	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.12
PROCESS EQUIPMENT CORP.	MI	03/23/82	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	5.12
REPUBLIC REFINING CO.	MS	08/03/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.12
SHELL OIL CO.	MI	04/19/83	MICHIGAN DNR	LAURA STEINBERGER	(517)-322-1333	5.12
SID RICHARDSON CARBON & GASOLINE CO.	TX	01/14/81	TEXAS ACB	LES MONTGOMERY	(512)-451-5711	5.12
WARREN PETROLEUM CO.	NM	12/23/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.12

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WARREN PETROLEUM CO.	ND	01/12/83	NORTH DAKOTA SHD	TERRY O'CLAIR	(701)-224-2348	5.12
SOURCE TYPE -- ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING						
KERNRIDGE OIL CO.	CA	04/14/81	EPA REGION IX	DON HARVEY	(415)-974-8223	5.13
R.A. CHILDS	UT	10/08/82	UTAH BAQ	DON ROBINSON	(801)-533-6108	5.13
US OIL & REFINING CO.	WA	08/15/83	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	5.13
SOURCE TYPE -- CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)						
AMINOIL USA, INC.	CA	08/04/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	5.14
BEREY HOLDING CO.	CA	02/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	5.14
CHEVRON USA, INC.	CA	07/16/82	EPA REGION IX	BOB BAKER	(415)-974-8215	5.14
EXXON CO	MS	03/04/81	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.14
GEOKINETICS INC., OIL SHALE	UT	11/13/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
MOBIL OIL EXPLORATION	AL	10/16/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	5.14
OXY-LOGAN WASH MODIF.1980	CO	06/27/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
PARAHO DEVELOPMENT CORP.	UT	11/16/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.14
RIO BLANCO OIL SHALE-#1	CO	12/20/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
TEXAS TAR SANDS, LTD	TX	06/24/82	TEXAS ACB	JAMES CROCKER	(512)-451-5711	5.14
TOSCO OIL SHALE-1981	UT	12/09/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
UNION OIL SHALE #1	CO	05/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	5.14
WHITE RIVER SHALE OIL CORP.	UT	08/04/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	5.14
SOURCE TYPE -- OIL AND GAS FIELD SERVICE						
DRLGMUD CO.	TX	12/22/81	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	5.15
SIGMOR PIPELINE CO.	TX	04/27/78	TEXAS ACB	SAM CROWTHER	(512)-451-5711	5.15
UNITED GAS PIPE LINE CO.	TX	05/07/80	TEXAS ACB	JIM CARAWAY	(512)-451-5711	5.15
SOURCE TYPE -- PETROLEUM INDUSTRY -- OTHER						

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
BEAR CREEK STORAGE	LA	09/22/79	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
CHEVRON USA, INC.	UT	07/08/82	UTAH BAQ	DONALD ROBINSON	(801)-533-6108	5.16
COLORADO INTERSTATE GAS	OK	02/26/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	5.16
HOUSTON PIPE LINE CO.	TX	04/30/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
OASIS PIPELINE CO.	TX	10/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
ODESSA NATURAL CORP.	TX	03/02/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/29/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	OK	05/08/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PANHANDLE EAST. PIPELINE	TX	02/11/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
PETRO-LEWIS CORP.	TX	02/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	5.16
REFINERY WASTE GAS RECOVERY	CA	02/23/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	5.16
SHELL OIL CO.	CA	03/19/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-3682	5.16
SOUTHERN NAT. GAS	MS	09/17/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	5.16
SOUTHERN NAT. GAS	LA	09/11/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	5.16
SUN GAS CO.	LA	07/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	TX	02/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	07/30/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	5.16
TEXACO, INC.	LA	07/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TEXACO, INC.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
TRUNKLINE LNG CO.	LA	08/29/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
UNITED GAS PIPE LINE CO.	LA	04/25/83	LAQD/EPA REGION VI	BHARAT CONTRACTOR	(504)-342-8940	5.16
UNITED PIPE LINE CO.	TX	03/04/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	5.16
					(214)-767-1594	5.16
SOURCE TYPE -- ACRYLONITRILE PLANT						
DOW CHEMICAL U.S.A.	WY	09/06/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	6.1
SOURCE TYPE -- ACRYLIC ACID PLANT						
BADISCHE CORP.	TX	08/05/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.3

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 3 INDEX
SOURCE TYPE -- ALKYLBENZENE						
CONOCO, INC.	LA	10/08/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.9
SOURCE TYPE -- CARBON BLACK						
ASHLAND CHEMICAL CO.	LA	06/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
ASHLAND CHEMICAL CO.	TX	06/02/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.12
CONTINENTAL CARBON	TX	09/03/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.12
GREAT LAKES CARBON	AR	12/21/78	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12
PHILLIPS PETROLEUM CO.	OK	01/04/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.12
SOURCE TYPE -- CHARCOAL						
BIG SANDY WOOD IND.	TX	09/03/82	TEXAS ACB	JIMMY RANDALL	(512)-451-5711	6.13
SOURCE TYPE -- CHLOROALKALI						
DIAMOND SHAMROCK CORP.	TX	06/20/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.14
SOURCE TYPE -- CHLOROBENZENE						
BOFORS NOBEL, INC.	MI	02/25/82	MICHIGAN DNR	DANITA BRANDT	(517)-322-1333	6.15
SOURCE TYPE -- ETHYLENE AND POLYETHYLENE						
E.I. DUPONT DE NEMOURS	TX	12/27/82	TEXAS ACB	LOUIS ROBERTS	(512)-451-5711	6.24
GULF OIL CHEMICALS	TX	06/17/81	EPA REGION VI	RAGAN BROYLES	(214)-767-1594	6.24
TEXAS EASTMAN CO.	TX	05/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.24
TEX-USS	TX	04/16/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.24

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- ETHYLBENZENE/STYRENE						
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.27
SOURCE TYPE -- FLUOROCARBONS						
DUPONT	MI	07/15/80	MICHIGAN DNR	DANITA BRANDT	(517)-302-1333	6.31
SOURCE TYPE -- FORMALDEHYDE						
EXXON CHEMICAL AMERICAS	TX	09/16/82	TEXAS ACB	STUART KEIL	(512)-451-5711	6.32
GEORGIA-PACIFIC CORP.	NC	01/17/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.32
INTERNAT. MINERALS & CHEMICAL CORP.	PA	09/12/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	6.32
SOURCE TYPE -- MALEIC ANHYDRIDE						
MONSANTO CO.	FL	03/26/81	FLORIDA DER	ED PALAGYI	(904)-488-1344	6.36
SOURCE TYPE -- METHANOL						
DOW CORNING CORP.	KY	10/16/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.37
GETTY METHANOL CORP.	DE	10/10/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	6.37
SOURCE TYPE -- PAINT & VARNISH						
SUN CHEMICAL CORP.	MI	08/24/82	MICHIGAN DNR	ASAD KHAN	(517)-322-1333	6.42
SOURCE TYPE -- PHARMACEUTICAL						

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
CHEESEBOROUGH PONDS, INC.	NY	03/10/83	NEW YORK DEC	DALE VOLLMER	(315)-428-4484	6.43
ELI LILLY	IN	08/04/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.43
MEAD JOHNSON & CO.	IN	03/12/82	INDIANA APCD	FRANK PROFIT	(317)-633-0664	6.43
SOURCE TYPE -- PHTHALIC ANHYDRIDE						
ASHLAND CHEMICAL CO.	WV	10/07/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.45
KOPPERS	IL	03/12/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.45
SOURCE TYPE -- PROYLENE OXIDE						
ARCO CHEMICAL CO.	TX	02/09/84	TEXAS ACB	PETE ROBERTS	(512)-451-5711	6.46
SOURCE TYPE -- SULFUR RECOVERY						
AMOCO PRODUCTION CO.	TX	10/16/79	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.52
SPONGE, INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	6.52
TEXACO, INC. - PUGET SOUND REFINERY	WA	02/25/81	NORTHWEST APA	GLEN HALLMAN	(206)-336-5705	6.52
SOURCE TYPE -- SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)						
ASHLAND SYNTHETIC FUELS, INC.	KY	02/28/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.53
ASHLAND SYNTHETIC FUELS, INC.	KY	12/17/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.53
DEPT OF WATER RESOURCES	CA	06/15/81	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
DOW CHEMICAL, INC., LOUISIANA DIV.	LA	10/13/83	LAQD/EPA REGION VI	JAY GUPTA	(504)-342-8940	6.53
PACIFIC GAS & ELECTRIC CO., GEYSERS UNI*	CA	05/21/82	EPA REGION IX	MATT HABER	(415)-974-8209	6.53
PACIFIC GAS & ELECT. CO.	CA	01/08/80	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
SACRAMENTO MUNICIPAL UTILITIES DIST.	CA	05/05/81	EPA REGION IX	BOB BAKER	(415)-974-8220	6.53
SOURCE TYPE -- SYNTHETIC FIBERS						

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CELANESE, AMCELLE PLANT	MD	04/03/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	6.54
E.I. DUPONT	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.54
E.I. DUPONT	SC	09/09/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	6.54
GLOBE MANUFACTURING CO.	NC	02/01/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.54
SPARTAN MILLS	GA	06/13/83	GEORGIA EPD	PAUL IZANT	(404)-656-4867	6.54
SOURCE TYPE -- SYNTHETIC RUBBER/RUBBER TIRES						
FIRESTONE TIRE CO.	GA	11/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.55
FIRESTONE TIRE CO.	GA	11/13/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.55
FIRESTONE TIRE CO.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.55
SOURCE TYPE -- VINYL CHLORIDE/POLYVINYL CHLORIDE						
B.F. GOODRICH	KY	02/06/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.59
B.F. GOODRICH CHEMICAL	NJ	07/25/80	EPA REGION II	LARRY KARAS	(212)-264-9538	6.59
B.F. GOODRICH CHEMICAL	NJ	10/06/82	EPA REGION II	PETER FLYNN	(609)-264-2611	6.59
B.F. GOODRICH CO.	KY	05/27/82	KENTUCKY EPA	BILL DILLS	(502)-564-3382	6.59
FORMOSA PLASTICS	TX	11/18/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.59
SHINLOCH, INC.	TX	01/05/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.59
SHINTECH, INC.	TX	03/17/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.59
SOURCE TYPE -- ALCOHOL FUEL PRODUCTION						
ADC-I, LIMITED	NE	09/22/83	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	6.61
AM. MODERN FOOD ENERGY SYS	IA	04/15/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	6.61
ARCHER DANIELS MIDLAND	IL	05/28/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.61
CONSOLIDATED ENERGY GROUP, LTD.	IA	11/13/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	6.61
MAPEE ALCOHOL FUEL, INC.	TX	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.61
MIDWEST SOLVENTS	IL	03/17/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.61
NEBRASKA ALCOHOL FUEL CORP.	NE	09/21/82	NEBRASKA DEC	GENE ROBINSON	(402)-471-2189	6.61
NEW ENERGY CORP.	IN	12/03/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.61
NEW ENGLAND ETHANOL, INC.	ME	08/10/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	6.61

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PEAT METHANOL ASSOCIATES	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.61
ROCK ISLAND LIQUID FUELS, INC.	IL	02/01/82	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.61
SOURCE TYPE -- OTHER CHEMICAL						
ADVANCE RESEARCH CHEMICALS, INC.	OK	03/14/84	TULSA CITY-COUNTY *	J. VAN SANDT	(918)-744-1000	6.62
AEROJET STRATEGIC PROPULSION	CA	04/01/83	SACRAMENTO APCD	ROBERT KNIGHT	(916)-366-2107	6.62
AIRCO CARBIDE, DIV. OF AIRCO, INC.	KY	09/06/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.62
AIRCO SPEER	PA	05/20/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
AIRCO SPEER	PA	08/15/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
AIRCO SPEER CARBON GRAPHITE	LA	06/05/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
ALLIED CHEMICAL	LA	11/21/80	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
AMERICAN CHROME & CHEMICAL, INC.	TX	12/29/82	TEXAS ACB	AMBA MANN	(512)-451-5711	6.62
AMERICAN HOECHST	TX	07/01/77	TEXAS ACB	SAM CROWTHER	(512)-451-5711	6.62
ARKANSAS EASTMAN	AR	03/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
BASF-WYANDOTTE	LA	03/27/81	EPA REGION VI	JOE WINKLER	(214)-767-1594	6.62
B.F. GOODRICH CHEMICAL GROUP	LA	11/24/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	6.62
B.F. GOODRICH CO.	OH	11/30/81	OHIO EPA NED	DENNIS BUSH	(216)-425-9171	6.62
B.F. GOODRICH, CHEMICAL DIV	KY	02/28/80	KENTUCKY DAPC	JOHN MCCARTHY	(502)-587-3327	6.62
CONOCO CHEMICAL CO.	TX	10/01/82	TEXAS ACB	ED KASPRZYK	(512)-451-5711	6.62
DIAMOND SHAMROCK CORP.	NC		NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.62
DOW CHEMICAL	TX	10/01/82	TEXAS ACB	L. ROBERTS	(512)-451-5711	6.62
DOW CHEMICAL CO.	LA	08/11/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
EMERY INDUSTRIES	OH	10/23/80	SW OHIO APC	JIM BAIRET	(513)-251-8777	6.62
ESK CORP.	IL	12/07/78	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	6.62
EXXON CHEMICAL	LA	05/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
E.I. DUPONT DE NEMOURS	OH	12/08/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	6.62
E.I. DUPONT DE NEMOURS	TX	04/28/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
FERRO CHEMICAL DIV OF FERRO CORP.	OH		CLEVELAND DAPC	IMRAN MADIB	(216)-664-3508	6.62
HCC CHEMICAL CO.	LA	11/06/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
ICI AMERICAS, INC.	VA	07/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	6.62
LITHIUM CORP.	NC	02/12/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.62
MALLINCKRODT, INC	MO	06/17/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	6.62
MALLINCKRODT, INC.	NC	04/19/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.62
MARATHON OIL CO.	WY	11/21/83	WYOMING AQD	DAN FAUTH	(307)-332-3144	6.62

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MERCK & CO., KEKO DIVISION	CA	11/20/81	EPA REGION IX	RICK SUGAREK	(415)-974-8224	6.62
MEREDITH/BURDA, INC.	NC	07/08/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	6.62
MOLY CORP., INC.	PA	03/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	6.62
MONSANTO CO.	IA	11/12/82	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	6.62
MONSANTO CO.	TX	08/26/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
M&T CHEMICALS, INC.	KY	03/07/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	6.62
PLAINS ELECT. GEN & TRANS	NM	12/29/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	6.62
PPG INDUSTRIES	WV	10/08/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
PROCTOR CHEMICAL CO.	NC	02/02/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	6.62
PROCTOR & GAMBLE	GA	09/25/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
SHELL CHEMICAL CO.	LA	03/07/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
SMITH KLINE CORP.	PA	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	6.62
TENNESSEE EASTMAN CO.	TN	06/05/81	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	6.62
TENNESSEE EASTMAN CO.	TN	07/02/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	6.62
UNION CARBIDE	GA	02/10/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	6.62
UNIROYAL CHEMICAL, DIV. OF UNIROYAL INC.	LA	09/26/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	6.62
U.S. BORAX & CHEMICAL CORP.	CA		EPA REGION IX	JOE SLAMOVICH	(415)-974-8235	6.62
VELSICOL CHEMICAL CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	6.62
3M CO., CHEMOLITE	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	6.62
SOURCE TYPE -- FEED/GRAIN MILLS AND ELEVATORS						
ALLEN PRODUCTS CO., INC.	PA	09/04/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	7.3
BROOKPORT BARGE POINT,INC	IL	04/03/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.3
BUNGE CORP.	MN	01/08/82	MINNESOTA PCA	GEORGE VASILAKES	(612)-296-7267	7.3
CARGILL, INC.	OH	01/19/78	RAPCA - DAYTON,OH	AMY WRIGHT	(513)-225-4435	7.3
CARGILL, INC.	WA	03/20/81	PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	7.3
CENTRAL SOYA CO., INC.	TN	09/26/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	7.3
INTERSTATE GRAIN CORP.	TX	07/27/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.3
MAXIM FARMS	TX	01/12/83	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.3
MONTE CHRISTO GRAIN CO.	TX	12/07/82	TEXAS ACB	RALPH BOWLER	(512)-451-5711	7.3
SOURCE TYPE -- FERMENTATION AND ALCOHOLIC BEVERAGES						

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ANHEUSER-BUSCH, INC.	CA	02/01/79	EPA REGION IX	JIM HANSON	(415)-974-8038	7.4
ANHEUSER-BUSCH, INC.	TX		EPA REGION VI	RAGAN BROYLES	(214)-767-1594	7.4
ANHEUSER-BUSCH, INC.	VA	06/16/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	7.4
COORS CO.	VA	03/19/81	EPA REGION III	EILEEN GLEN	(215)-597-8187	7.4
PAUL MASSON VINEYARDS	CA	03/27/81	BAY AREA AQMD	DOUG WOLF	(415)-771-6000	7.4
SCHREIER MALTING CO	WI	04/21/80	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	7.4
SOURCE TYPE -- FERTILIZER PLANTS						
AGRICO CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
AGRICO CHEMICAL CO.	FL	01/21/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
CALIF. AMMONIA (CALAMCO)	CA	05/08/81	EPA REGION IX	DON HARVEY	(415)-974-8223	7.6
CONSERV, INC.	FL	10/02/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
GARDINIER, INC.	FL	07/11/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
NEW WALES CHEMICALS, INC.	FL	06/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
OCCIDENTAL CHEMICAL CO.	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
USS AGRI-CHEMICALS	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
W R GRACE & CO	FL	04/01/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	7.6
SOURCE TYPE -- STARCH MANUFACTURING						
BROCK CANDY CO.	TN	11/15/83	CHATTANOOGA-HAMILT*	HARVEY RICE	(615)-867-4321	7.7
CORN PRODUCTS	IL	09/23/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.7
SOURCE TYPE -- SUGAR CANE PROCESSING						
ATLANTIC SUGAR ASSOC.	FL	10/06/81	FLORIDA DER	BOB KING	(904)-488-1344	7.8
OSCEOLA FARMS CO.	FL	10/28/81	FLORIDA DER	BOB KING	(904)-488-1344	7.8
SUGAR CANE GROWERS COOP.	FL	05/07/81	FLORIDA DER	BOB KING	(904)-488-1344	7.8
SOURCE TYPE -- FATS/VEGETABLE OILS						

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
A.E. STALEY	IL	11/14/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.9
GOLD KIST INC., GOLD KIST SOY PLANT	GA	12/09/81	GEORGIA EPD	SUE MCFATHER	(404)-656-4867	7.9
OWENSBORO GRAIN CO.	KY	08/24/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	7.9
QUINCY SOYBEAN	IL	08/18/83	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	7.9
SOURCE TYPE -- FRUITS/VEGETABLES PROCESSING						
A.E. STALEY MFG. CO.	IA	07/30/81	EPA REGION VII	CHARLES WHITMORE	(816)-374-6525	7.11
SNACK FOODS PLANT	CA	10/01/83	KERN COUNTY APCD	THOMAS PAXSON	(805)-861-3682	7.11
SOURCE TYPE -- OTHER FOOD & AGRICULTURAL						
A.E. STALEY MFG. CO.	PA	05/27/82	EPA REGION III	DAVID ARNOLD	(215)-597-7936	7.12
BOONE VALLY COOP.	IA	08/28/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	7.12
CAMPBELL SOUP CO.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	7.12
CAMPBELL SOUP CO.	OH	03/20/81	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	7.12
CARGILL, INC.	SC	02/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	7.12
CENTRAL SOYA	OH	08/09/79	OHIO EPA NWD	SAMIR ARAJ	(419)-352-8461	7.12
GENERAL FOODS CORP.	DE	12/23/82	DELEWARE DNR	HUGH MENGHI	(302)-736-4791	7.12
GRIFFIN INDUSTRIES	IN		INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	7.12
HTC INDUSTRIES	TX	11/30/81	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
KNAPPEN VYLACTOS MOLASSES	MN	10/07/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
LAND O'LAKES INC.	MN	10/08/81	MINNESOTA PCA	JERRY LIEFERT	(612)-296-7272	7.12
PACIFIC ADHESIVES COMPANY OF TEXAS	TX	09/02/82	TEXAS ACB	GARY WALLIN	(512)-451-5711	7.12
PRODUCERS COTTON OIL CO.	CA	06/20/80	FRESNO COUNTY APCD	WILLIAM RODDY	(209)-445-3239	7.12
RALSTON PURINA, VAN CAMP SEAFOOD DIV.	AS	06/06/83	EPA REGION IX	MATT HABER	(415)-974-8209	7.12
R. J. REYNOLDS	NC		FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
R. J. REYNOLDS TOBACCO CO.	NC	03/09/79	FORSYTH COUNTY ENV*	KEITH TART	(919)-727-8060	7.12
SALYER GRAIN & MILLING CO.	CA	07/20/83	KINGS COUNTY APCD	MARTIN KEAST	(209)-584-1411	7.12
ZALOOM BROTHERS, INC.	CA	01/24/84	KERN COUNTY APCD	TOM PAXSON	(805)-861-8682	7.12
SOURCE TYPE -- PRIMARY ALUMINUM PRODUCTION						

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
ALCOA	NC	05/20/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	8.1
ALCOA	WA	02/12/82	EPA REGION X	PAUL BOYS	(206)-442-1106	8.1
ALUMAX PACIFIC CORP.	OR	01/20/83	OREGON DEQ	LLOYD KOSTOW	(503)-229-5186	8.1
ARCO ALUMINUM	KY	04/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.1
ARCO METALS CO.	KY	04/19/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.1
COASTAL ALUMINUM	SC	11/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	8.1
SOURCE TYPE -- COKE PRODUCTION						
AIRCO CARBIDE (DIV OF AIRCO, INC.)	KY	08/12/81	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.2
BETHLEHEM STEEL CORP.	MD	08/06/79	EPA REGION III	ED VOLLBERG	(215)-597-8179	8.2
GRANITE CITY STEEL	IL	06/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
GRANITE CITY STEEL	IL	10/01/81	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.2
INLAND STEEL CO.	IN	09/22/80	INDIANA APCD	TERRY HOYA	(317)-633-0664	8.2
MARTIN MARIETTA CORP.	CA	12/11/80	EPA REGION IX	DENNIS BEAUREGARD	(415)-974-8236	8.2
PENNSYLVANIA COKE TECHNOLOGY, INC.	WV	08/06/81	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.2
REPUBLIC STEEL CORP.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.2
REYNOLDS METALS CO.	LA	11/02/83	LAQD/EPA REGION VI	NAN KILLEEN	(504)-342-8940	8.2
SOURCE TYPE -- PRIMARY COPPER SMELTING						
ASARCO, INC.	WA		PUGET SOUND APCA	HARRY WATTERS	(206)-344-7334	8.3
SOURCE TYPE -- FERROALLOY PRODUCTION						
CABOT CORP.	IN	12/05/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	8.4
SOURCE TYPE -- IRON & STEEL PRODUCTION						
ARMCO STEEL CORP.	MD	12/12/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	8.5
BAYOU STEEL	LA	03/30/78	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
BETHLEHEM STEEL CORP.	PA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
CAMERON IRON WORKS	TX	10/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
CHAPANAL STEEL CO.	TX	01/31/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.5
FLORIDA STEEL CORP.	FL	01/03/83	FLORIDA DER	BRUCE MITCHELL	(904)-488-1344	8.5
FLORIDA STEEL CORP.	TN		TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.5
JONES & LAUGHLIN STEEL CORP.	OH	01/17/84	CLEVELAND DAPC	IKE HABIB	(216)-666-3508	8.5
KENTUCKY ELECTRIC STEEL CO.	KY	09/18/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.5
LUFKIN INDUSTRIES, INC.	TX	05/26/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	8.5
ROANOKE ELECT. STEEL CO.	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.5
STD SLAG CO., REPUB. STEEL CORP., #6 BL*	OH	08/19/82	CLEVELAND DAPC	DANIEL NORTON	(216)-664-3508	8.5
THE TIMKEN CO.	OH	12/21/81	CANTON APCD	BRUCE BLANKENSHIP	(216)-489-3385	8.5
U.S. STEEL/DUQUESNE WORKS	PA	07/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.5
YORK-HANNOVER SEAMLESS TUBES, INC.	AR	10/01/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	8.5
YOUNGSTOWN STEEL CORP.	OH		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.5
SOURCE TYPE -- SECONDARY ALUMINUM						
ALRECO METALS CO.	MI	09/15/81	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	8.8
ALUMINUM CO. OF AMERICA	OH		CLEVELAND DAPC	RUDY ZUPAN	(216)-664-3508	8.8
BARMET OF KENTUCKY, INC.	KY	02/18/83	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
CONSOLIDATED ALUMINUM CORP.	TN	06/05/81	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
GMC, CENTRAL FOUNDRY DIV	IN	04/28/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
GREATER TENNESSEE METALS, INC.	TN	10/03/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
GULF COAST CHEMICALS, INC.	TX	11/24/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	8.8
KAISER ALUMINUM & CHEMICAL CORP.	IN	11/07/80	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.8
MARTIN MARIETTA OF KENTUCKY	KY	05/18/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
MARTIN MARIETTA OF KENTUCKY	KY	08/17/77	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.8
METAL RESOURCES, INC.	TN	06/25/80	TENNESSEE APCD	MERVAT AHMED	(615)-741-3651	8.8
WILMER PROCESSING DIV.	WI		EPA REGION V	BONIFACE THAYIL	(312)-886-6054	8.8
SOURCE TYPE -- GRAY IRON FOUNDARIES						
AMERICAN MANUFACTURING CO. OF TEXAS	TX	03/08/83	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.11
BRILLION IRON WORKS	WI	08/03/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	8.11
CYCLONE IRON FOUNDRIES	TX	07/16/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.11

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TABLE 1. INDEX (CONTINUED).

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DANA CORP.	IN	05/11/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.11
FORD MOTOR CO., CASTING DIV.	OH	10/06/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	8.11
FORD MOTOR CO., CLEVELAND CASTING PLANT	OH	12/07/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	8.11
LULING IRON FOUNDRY	TX	01/11/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	8.11
LYNCHBURG FOUNDRY	VA	07/03/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.11
UNIVERSAL FOUNDRY CO.	WI	06/20/80	WISCONSIN DNR	DAN SCHRAMM	(414)-497-4044	8.11
VERMONT CASTINGS	VT	12/23/81	VERMONT AEC	LARRY MILLER	(802)-828-3395	8.11
WAUPACA FOUNDRY PLANT #2	WI	01/20/81	WISCONSIN DNR	DALE ZIEGE	(608)-866-0113	8.11
W-K-M VALVE DIV. OF ACF INDUSTRIES	TX	02/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	8.11
SOURCE TYPE -- SECONDARY LEAD SMELTING						
HAMMOND LEAD PROD., HALSTAB DIV	IN	11/25/81	HAMMOND APC	RAFIU DANIA	(219)-853-6306	8.12
P.B. CO.	IN	07/03/81	INDIANA APCD	ANDY SUNDERLAND	(317)-633-0663	8.12
SOURCE TYPE -- SECONDARY MAGNESIUM SMELTING						
ALLIED CHEMICAL CORP.	DE	11/18/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.13
SOURCE TYPE -- STEEL FOUNDARIES						
ABEX CORP.	PA	07/20/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	8.14
INTERNAT. METALS RECLAMATION CO.	PA	10/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	8.14
K O STEEL CASTING, INC.	TX	10/03/78	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14
STRUCTURAL METALS, INC.	TX	05/07/80	TEXAS ACB	WAYNE DAVISON	(512)-451-5711	8.14
TEXAS ELECTRIC STEEL CASTING CO.	TX	09/28/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	8.14
SOURCE TYPE -- STORAGE BATTERY PRODUCTION/RECLAMATION						
BULLDOG BATTERY	TX	11/08/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	8.16
HOUSTON SCRAP METAL CO.	TX	11/15/83	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	8.16

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SOURCE TYPE -- LEAD OXIDE AND PIGMENT PRODUCTION						
DEGUSSA CHEM CORP.	AL	04/07/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	8.17
POWERLAB, INC.	TX	07/20/79	TEXAS ACB	JIM CARAWAY	(512)-451-5711	8.17
SOURCE TYPE -- ORE CRUSHING AND GRINDING						
NATIONAL STEEL PELLET CO.	MN	12/08/81	MINNESOTA PCA	JAMES KOLAR	(612)-296-7274	8.19
SOURCE TYPE -- OTHER METALLURGICAL PROCESSES						
AIRCO CARBON	NY	04/30/82	EPA REGION II	BARRY TORNICK	(212)-264-9579	8.22
ATLAS MINERALS	UT	12/03/80	UTAH BAQ	DON ROBINSON	(801)-533-6108	8.22
CUYAHOGA SMELTING & PROCESSING CO., INC.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	8.22
DAYTON WALTHER CORP.	KY	02/26/82	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22
FUSION INC.	TX	10/01/82	TEXAS ACB	WAYNE DAVIDSON	(512)-451-5711	8.22
LAKE SIDE SLAG	IL	12/01/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	8.22
LEVIN FIXTURE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	8.22
SMITH INTERNATIONAL, INC.	NV	03/24/82	CLARK COUNTY	MIKE NAYLOR	(702)-383-1276	8.22
SUPERIOR GRAPHITE	KY	11/05/79	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	8.22
TRINITY INDUSTRIES INC	TX	07/24/81	TEXAS ACB	ART KELLOGG	(512)-451-5711	8.22
WISCONSIN CENTRIFUGAL	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
WISCONSIN CENTRIFUGAL INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
WISCONSIN CENTRIFUGAL INC.	WI		WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
WISCONSIN CENTRIFUGAL, INC.	WI	05/24/83	WISCONSIN DNR	DAVE SEITZ	(608)-267-7545	8.22
SOURCE TYPE -- ASPHALT BATCHING PLANTS						
ALBANY	WI	08/01/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	9.1
ASPHALT PRODUCTS CORP.	SC	02/14/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.1
BERKS PRODUCTS CORP.	PA	09/12/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
B.C.R. PAVING CO.	OH		PORTSMOUTH LAA	FRANK PHILLIPS	(614)-353-5153	9.1

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TABLE 1. INDEX (CONTINUED).

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B.R. AMON & SONS, INC.	WI	05/23/80	WISCONSIN DNR	MIKE DEBROCK	(715)-362-7616	9.1
E.E. MOORE PAVING, INC.	WV	06/06/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
E.J. BRENEMAN INC.	PA	07/16/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
FRANCIS O. DAY CO., INC.	MD	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
GENNARO ASPHALT CO.,INC	OH	07/08/81	OHIO EPA NED	TED DAVIS	(216)-425-9171	9.1
HIGHWAY PAVERS, INC.	WI	03/06/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	9.1
INDIANHEAD BLACKTOP INC	WI	07/14/82	WISCONSIN DNR	KRIS MCKINNEY	(608)-267-7542	9.1
IVERSION CONSTRUCTION CO., PLATTEVILLE	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	9.1
J.F. CLECKLEY & CO.	SC	01/21/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.1
J.H. RUDOLPH & CO., INC.	IN	01/21/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.1
KEOWN SUPPLY CO.	TX	02/18/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	9.1
KOKOSING MATERIALS, INC	OH	02/05/82	OHIO EPA CD	JAY MCCOY	(614)-864-3195	9.1
L.A. REYNOLDS	NC	01/16/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.1
MATHY CONSTRUCTION CO.	WI	03/19/82	WISCONSIN DNR	DAN JOHNSTON	(605)-267-9500	9.1
MATHY CONSTRUCTION CO. PLANT #14	WI	03/01/81	WISCONSIN DNR	JOE ANCEL	(715)-423-5670	9.1
MILLCREEK TOWNSHIP	PA	05/14/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
MILLER ASPHALT PRODUCTS, INC.	MD	03/16/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
MORGANTOWN ASPHALT CO.	WV	01/25/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
M.A. LAYMAN & SONS	VA	07/16/79	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.1
PAYNE & DOLAN INC.	WI	07/07/82	WISCONSIN DNR	IMELDA STAMM	(608)-266-6876	9.1
PAYNE & DOLAN INC., WAUKESHA	WI	06/12/80	WISCONSIN DNR	BRIAN GALLEY	(608)-267-9418	9.1
REIN, SCHULTZ, & DAHL	WI	12/03/82	WISCONSIN DNR	DAN JOHNSTON	(608)-267-9500	9.1
RGK INDUSTRIES	NC	01/29/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.1
ROCKROAD OF WISCONSIN	WI	09/15/82	WISCONSIN DNR	KATHY CARTWRIGHT	(608)-266-0244	9.1
RODNEY RASMUSSEN CO.	UT	01/04/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.1
STEELSTONE	ME	11/23/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	9.1
STEELSTONE INDUSTRIES, INC.	ME	06/08/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	9.1
STORY ASPHALT-PAVING	AL	03/10/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	9.1
SUPERIOR SAND & ASPHALT CO.	WV	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.1
SYKESVILLE CONSTRUCTION CO., INC.	MD	04/03/79	EPA REGION III	EDWARD VOLLBERG	(215)-597-8309	9.1
THE HORVITZ CO.	OH		CLEVELAND DAPC	IKRAM HABIB	(216)-664-3508	9.1
TRI-STATE ASPHALT CORP.	OH		OHIO EPA SED	FRED KLINGELHAFER	(614)-385-8501	9.1
WINDSOR SERVICES, INC.	PA	05/07/79	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.1
ZARLENGO BROS., INC.	PA	01/21/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	9.1

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE FULL LISTING IN APPENDIX.

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS						
D. M. STEWARD CO.	TN	10/08/82	CHATTANOOGA APCB	JAMES FRENCH	(615)-867-4321	9.2
GEORGIA KAOLIN CO.	GA	05/18/81	GEORGIA DNR	BILL MITCHELL	(404)-656-6900	9.2
INTERNATIONAL AMERICAN CERAMICS, INC.	OK	04/06/81	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	9.2
JOHNS BRICK & TILE CORP.	TX	12/21/82	TEXAS ACB	ROBERT MAUEL	(512)-451-5711	9.2
KAISER REFRACTORIES NATIVIDAD FACILITY	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.2
MILCHEM	AR	08/07/79	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.2
SOURCE TYPE -- REFRACTORIES						
JOHN MANSVILLE SALES CORP	TX	01/22/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.3
KAISER REFACTORIES	CA	09/30/81	EPA REGION IX	BOB BAKER	(415)-974-8220	9.3
SOURCE TYPE -- PORTLAND CEMENT MANUFACTURING						
ALAMO CEMENT CO.	TX	10/13/83	TEXAS ACB	ROBERT MAUELL	(512)-451-5711	9.4
CALIF. PORTLAND CEMENT CO	CA	01/12/79	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
CREOLE CORP.	CA	05/20/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
DAL-TEX CEMENT	TX	09/03/82	TEXAS ACB	GARY MCARTHUR	(512)-451-5711	9.4
DIXIE CEMENT CO.	TN	09/10/81	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.4
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	9.4
FLORIDA CRUSHED STONE	FL	03/27/84	FLORIDA DER	BOB KING	(904)-488-1344	9.4
FLORIDA MINING & MATERIALS CORP.	FL	03/25/81	FLORIDA DER	JOHN SVEC	(904)-488-1344	9.4
IDEAL BASIC CEMENT	UT	05/28/82	UTAH DOH	CARL BROADHEAD	(801)-533-6108	9.4
KAISER CEMENT & GYPSUM CORP.	CA	12/26/78	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
LAS VEGAS PORTLAND CEMENT	NV	02/01/82	EPA REGION IX	BOB BAKER	(415)-974-8215	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	03/19/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	9.4
LONESTAR FLORIDA PENNSUCO, INC.	FL	07/08/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	9.4
LONESTAR INDUSTRIES INC.	TX	02/19/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.4
LONESTAR INDUSTRIES INC.	WA	01/25/82	EPA REGION X	PAUL BOYS	(206)-442-1106	9.4
LONESTAR PORTLAND CEMENT	UT	01/16/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.4
MONOLITH PORTLAND CEMENT CO.	CA	12/23/81	EPA REGION IX	DON HARVEY	(415)-974-8223	9.4
SOUTHWESTERN PORTLAND CEMENT CO.	TX	02/26/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.4

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOUTHWESTERN PORTLAND CEMENT CO.	TX	11/05/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	9.4
TEXAS CEMENT CO.	TX	05/16/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.4
SOURCE TYPE -- CEMENT (OTHER THAN PORTLAND) MANUFACTURING						
ASH GROVE CEMENT CO.	NE	10/22/80	NEBRASKA DEC	GENE ROBINSON	(402)-471-2186	9.5
ATLANTIC CEMENT CO., INC.	MD	11/03/80		CARL YORK	(301)-383-2776	9.5
BANKS CONSTRUCTION CO.	SC	04/01/80	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	9.5
BEEHIVE CEMENT, SANTAGUIN PLANT	UT	02/27/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.5
MARTIN MARIETTA-LEAMINGTON	UT	06/06/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.5
SOURCE TYPE -- COAL CLEANING						
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	9.6
ETSI	AR	01/28/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	9.6
SOUTHERN CA EDISON COALWATER STATION	CA	12/09/81	EPA REGION IX	DICK GROW	(415)-974-8219	9.6
SOURCE TYPE -- COAL CLEANING (THERMAL DRYER)						
CONSOL PENNSYLVANIA COAL CO.	PA	05/03/82	EPA REGION III	GREGORY HAM	(215)-597-2745	9.7
METTIKI COAL	MD	07/05/78	EPA REGION III	CRAIG HOLDEFER	(301)-383-3147	9.7
SOURCE TYPE -- GLASS FIBER MANUFACTURING						
CERTAINTEED CORP.	CA	06/22/81	EPA REGION IX	RICK SUGAREK	(415)-974-8062	9.8
PABCO INSULATION DIV., FIBERBOARD CORP.	TX	02/13/84	TEXAS ACB	BOB MAUEL	(512)-451-5711	9.8
PPG INDUSTRIES	TX	05/27/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.8
SOURCE TYPE -- FRIT MANUFACTURING						
GUARDIAN INDUSTRIES CORP.	TX	02/18/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.9

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- GLASS MANUFACTURING						
BALL CORP.	CA	02/13/80	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
GUARDIAN INDUSTRIES CORP.	CA	01/16/81	EPA REGION IX	DAVID SOLOMON	(415)-974-8066	9.11
PPG INDUSTRIES	IL	05/29/80	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	9.11
PPG INDUSTRIES	MD	11/07/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.11
SOURCE TYPE -- GYPSUM MANUFACTURING						
CONTINENTAL LIME, INC	UT	12/05/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.12
U.S. GYPSUM	TX	02/13/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	9.12
SOURCE TYPE -- LIME MANUFACTURING						
ARMCO INC. - PIQUA MINERALS	OH	06/15/81	REGIONAL APC	REBECCA POHLMAN	(513)-335-5655	9.13
CHEMSTONE CORP.	VA	02/07/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	9.13
DAN RIVER, INC.	VA	03/22/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	9.13
DOMTAR INDUSTRIES, INC.	PA	09/10/81	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	9.13
J.E. BAKER CO.	OH	02/22/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.13
SOURCE TYPE -- MINERAL WOOL MANUFACTURING						
TEXACO, INC.	CA	04/09/80	EPA REGION IX	DON HARVEY	(415)-974-8223	9.14
U.S. GYPSUM	IN	02/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.14
U.S. GYPSUM	OH	03/11/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	9.14
SOURCE TYPE -- PERLITE MANUFACTURING						
CAROLINA STALITE	NC	11/05/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.15

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- PHOSPHATE ROCK PROCESSING						
ESTECH GENERAL CHEMICALS	FL	01/29/81	FLORIDA DER	WILLARD HANKS	(904)-488-1344	9.16
MOBIL CHEMICAL CO.	FL	03/20/80	FLORIDA DER	WILLARD HANKS	(904)-488-1344	9.16
SOURCE TYPE -- STONE QUARRYING, SAND/GRAVEL						
AUSTINVILLE LIMESTONE CO., INC.	VA	05/02/83	VIRGINIA APCB	KATHERINE MILLER	(804)-786-4867	9.17
COAL INDUSTRY SERVICES CO.	VA	12/06/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	9.17
CONCRETE MATERIALS INC.	NY	05/12/80	EPA REGION II	PAUL KAHN	(212)-264-9578	9.17
GAF CORP.	PA	02/29/80	EPA REGION III	DAVID ARNOLD	(215)-597-7936	9.17
MARTIN MARIETTA AGGREGATES	IN	02/25/81	INDIANA APCD	FRANK PROFIT	(317)-633-0664	9.17
MARYLAND MATERIALS, INC.	MD	10/04/79	EPA REGION III	ED VOLLBERG	(215)-597-8990	9.17
MID-CONTINENT MATERIALS, INC.	OK	11/19/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	9.17
WALDRON CRUSHED STONE CO.	IN	10/21/80	INDIANA APCD	TED SONDERS	(317)-633-0665	9.17
SOURCE TYPE -- TACONITE ORE PROCESSING						
CONOCO, INC.	OH	02/23/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.18
TENNESSEE EASTMAN CO.	TN	12/12/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.18
TENNESSEE EASTMAN CO.	TN	09/24/80	TENNESSEE APCD	ANN NIELSON	(615)-741-3651	9.18
SOURCE TYPE -- MINING OPERATIONS						
SHELL OIL CO.-BUCKSKIN MINE	WY	03/04/80	EPA REGION VIII	JOHN DALE	(303)-837-3763	9.19
SOURCE TYPE -- OTHER MINERAL PRODUCTS INDUSTRY						
AM MATERIALS CONSTRUCTION	WI	04/02/80	WISCONSIN DNR	DONALD WHITE	(715)-836-4268	9.21
AMSELCO COAL, FULTON MINE	IN	08/28/80	INDIANA APCD	RICHARD WILLIAMSON	(317)-633-0663	9.21
BADGER MINING CORP.	WI	06/27/80	WISCONSIN DNR	BRIAN GALLEY	(608)-266-9418	9.21

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GENERAL CASTING CORP.	WI	06/06/80	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	9.21
LONE STAR POLYMER CONCRETE CO.	VA	01/21/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
MULLITE CO.	GA	10/07/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	9.21
PATRICK COAL CORP.	VA	02/08/83	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	9.21
PPG INDUSTRIES	NC	10/03/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	9.21
SW ELECT. POWER	TX	02/23/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	9.21
SOURCE TYPE -- KRAFT PULP MILLS						
ALABAMA KRAFT	AL	07/29/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
ALABAMA RIVER PULP CO., INC	AL	11/06/75	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
BOWATER CAROLINA CO.	SC	05/03/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
CHAMPION INTERNAT. CORP.	MI	03/17/81	MICHIGAN DNR	RANDAL TELEZ	(517)-322-1333	10.1
CHESAPEAKE CORP.	VA	06/10/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.1
CONTAINER CORP. OF AM	AL	12/21/79	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
CONTAINER CORP. OF AM	FL	04/13/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
FEDERAL PAPER BOARD CO., INC.	NC	10/03/83	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7015	10.1
FEDERAL PAPERBOARD CO.	NC	08/31/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
FEDERAL PAPERBOARD CO.	NC	06/07/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.1
GEORGIA-PACIFIC CORP.	LA	03/27/81	EPA REGION VI	TOM DIGGS	(214)-767-1594	10.1
GEORGIA-PACIFIC CORP.	AR	03/19/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
GILMAN PAPER CO.	GA	06/29/81	GEORGIA EPD	BILL MITCHELL	(404)-656-6900	10.1
HAMMERMILL PAPER	AL	03/26/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.1
INDEPENDENT KRAFT CORP.	AL	02/23/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
INTERNATIONAL PAPER CO.	AR	07/05/82	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.1
INTERNATIONAL PAPER CO.	LA	11/18/81	EPA REGION VI	JOHN BENHAM	(214)-767-1594	10.1
INTERSTATE PAPER CORP.	GA	04/16/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.1
KIRBY FOREST INDUSTRIES	TX	08/14/80	EPA REGION VI	GEORGE KENNEDY	(214)-767-2742	10.1
LEAP RIVER FOREST	MS	03/14/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	10.1
LONGVIEW FIBRE	WA	11/12/80	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	10.1
LOUISANA-PACIFIC BOILER	CA	10/23/80	BAY AREA AQMD	LEW POTTER	(415)-771-6000	10.1
OLINKRAFT	LA	10/08/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.1
PORT ST. JOE	FL	02/18/82	FLORIDA DER	ED PALAGYI	(904)-488-1344	10.1
POTLATCH	ID	04/25/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.1
SCOTT PAPER	AL	01/15/81	ALABAMA APCD	SUE ROBERTSON	(205)-830-6570	10.1

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SIMPSON LEE PAPER CO.	CA	09/15/82	EPA REGION IX	MATT HABER	(415)-974-8209	10.1
SIMPSON LEE PAPER CO.	CA	01/14/75	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1
SIMPSON LEE PAPER CO.	CA	06/07/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.1
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
ST REGIS PAPER CO.	FL	06/26/81	FLORIDA DER	BOB KING	(904)-488-1344	10.1
ST REGIS PAPER CO.	ME	03/10/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.1
ST. REGIS PAPER CO.	ME	05/20/82	MAINE DEP	JOHN CHANDLER	(207)-289-2437	10.1
THE CHESAPEAKE CORP.	VA	10/07/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	10.1
UNION CAMP CORP.	AL	11/15/77	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	10.1
UNION CAMP CORP.	GA	07/01/80	GEORGIA EPD	BILL MITCHELL	(404)-656-6800	10.1
UNION CAMP CORP.	SC	02/25/82	SOUTH CAROLINA DHEC	DAVID FLEMING	(803)-758-5406	10.1
WESTVACO CORP.	SC	02/24/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	10.1
WESTVACO CORP. - FINE PAPERS DIV.	KY	03/30/78	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WEYERHAEUSER CO.	MS	05/22/80	MISSISSIPPI DNR	DWIGHT WILEY	(601)-354-2550	10.1
WEYERHAEUSER CO.	WA	01/17/84	WASHINGTON DOE	GEORGE HOUCK	(206)-459-6032	10.1
WILLAMETTE INDUSTRIES, INC.	KY	12/03/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WILLAMETTE INDUSTRIES, INC.	KY	06/02/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
WILLAMETTE INDUSTRIES, INC.	KY	04/30/80	KENTUCKY DAPC	BILL DILLS	(502)-564-3382	10.1
SOURCE TYPE -- WOOD PULPING (OTHER THAN KRAFT)						
APPLETON PAPERS, INC.	WI	09/06/83	WISCONSIN DNR	STEVE KLAFKA	(608)-267-7540	10.2
AUGUSTA NEWSPRINT CO.	GA	10/04/82	GEORGIA EPD	DAVID WEAVER	(404)-656-4867	10.2
BEAR ISLAND PAPER CO.	VA	09/28/82	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	10.2
CAROLINA FOREST INDUSTRIES, INC.	SC	06/25/81	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	10.2
FLAMBEAU PAPER CORP.	WI	04/28/81	WISCONSIN DNR	EMILIA ESTRADA	(608)-266-0244	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.2
FORT HOWARD PAPER CO.	OK	10/21/81	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.2
MACMILLAN BLOEDAL	AL	04/30/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2
PROCTOR & GAMBLE PAPER PRODUCTS CO., FO*	WI	06/22/83	WISCONSIN DNR	YESHAVANT DESAI	(414)-497-4062	10.2
SUNBELT FOREST PRODUCTS CORP.	AL	04/20/81	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	10.2
SOURCE TYPE -- HARDBOARD						

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ABI TIBI CORP.	NC	03/25/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.3
SOURCE TYPE -- PLYWOOD PLANTS						
EVERGREEN FOREST PRODUCTS	ID	12/30/82	IDAHO AQB	CLINT AYER	(208)-334-5360	10.4
KIRBY FOREST INDUSTRIES	TX	01/09/80	EPA REGION VI	BILL TAYLOR	(214)-767-1594	10.4
ULTRASYSTEMS INC.	CA	10/06/82	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.4
SOURCE TYPE -- WOODWORKING						
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
BROYHILL FURNITURE	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.5
SOURCE TYPE -- OTHER WOOD PRODUCTS						
AUSTELL BOX BOARD CO.	GA	06/29/81	GEORGIA EPD	W. FARRISEE	(404)-656-4867	10.6
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
CROWN WOOD PRODUCTS	NC	01/28/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
EAGLE ENERGY	ID	03/15/83	IDAHO AQB	CLINT AYER	(208)-334-5360	10.6
GEORGIA-PACIFIC CORP.	NC	01/07/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
GEORGIA-PACIFIC CORP.	NC	06/01/82	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	10.6
HOOKER FURNITURE CORP.	VA	02/16/82	VIRGINIA APCB	RENALDO JENKINS	(804)-786-4867	10.6
HUDSON LUMBER CO.	CA	10/05/81	SHASTA COUNTY APCD	RICHARD BOOTH	(916)-246-5674	10.6
INTERNATIONAL PAPER CO.	AR	03/25/83	ARKANSAS DPC	MIKE PORTA	(501)-562-7444	10.6
J.M. HUBER CORP.	ME	08/25/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
LOUISIANA-PACIFIC CORP.	ME	01/27/82	MAINE DEP	ROBERT BALLEW	(207)-289-2437	10.6
MIAMI PAPER CORP.	OH	06/25/82	RAPCA - DAYTON,OH	GORBY LEE	(513)-225-4435	10.6
NATICK PAPERBOARD	MA	04/30/81	EPA REGION I	SARAH SIMON	(617)-223-4448	10.6
PACKAGING CORP. OF AM	MI	12/16/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	10.6
PROCTOR & GAMBLE PAPER PRODUCTS	TX	02/01/80	EPA REGION VI	JOHN BUNYAK	(214)-767-1594	10.6
PROCTOR & GAMBLE PAPER PROD. PLANT	CA	04/02/80	EPA REGION IX	RAY SEID	(415)-974-8066	10.6
STONE CONTAINER CORP.	OH	12/23/81	OHIO EPA SED	GLEN GREENWOOD	(614)-385-8501	10.6

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TABLE 1. INDEX (CONTINUED).

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SOURCE TYPE/COMPANY NAME	STATE	PERMIT ISSUED	AGENCY	NAME OF CONTACT	TELEPHONE	TABLE 2 INDEX
SOURCE TYPE -- GENERAL MANUFACTUPING AND FABRICATION						
AIRCO CARBON	SC	01/11/82	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	11.0
A.O. SMITH CORP.	WI	06/05/80	WISCONSIN DNR	LARRY NIGHTINGALE	(414)-257-4411	11.0
BUICK MOTOR DIV., GMC	MI	03/31/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	11.0
BURLINGTON IND.	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-7120	11.0
CAMPBELL SOUP CO.	NC	01/29/81	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	11.0
CHEVROLT TRUCK ASSEMBLY PLANT	MI	06/25/80	MICHIGAN DNR	DAVID FERRIER	(517)-322-1333	11.0
CHICAGO & NORTHWESTERN TRANSP. CO.	MI	06/01/80	MICHIGAN DNR	JOHN TROUT	(517)-322-1333	11.0
COLT INDUSTRIES - HOLLEY CARBURETOR DIV	TN	05/01/80	TENNESSEE APCD	ANGIE PITCOCK	(615)-741-3651	11.0
CRANSTON PRINT WORKS	NC	04/25/80	NORTH CAROLINA DEM	MIKE SEWELL	(919)-733-6126	11.0
FORD MOTOR CO., LIMA ENGINE PLANT	OH	05/14/80	OHIO EPA NWD	CHUCK HULL	(419)-352-8461	11.0
GAF CORP.	PA	01/02/79	EPA REGION III	VERNON BUTLER	(215)-597-2711	11.0
GAF CORP.	CA	05/01/79	EPA REGION IX	DON HARVEY	(415)-974-8223	11.0
GENERAL ELECTRIC CO.	AL	03/08/83	ALABAMA DEM	SUE ROBERTSON	(205)-834-6570	11.0
GENERAL MOTORS	KS	04/13/81	EPA REGION VII	DANIEL RODRIGUEZ	(816)-374-6525	11.0
GM DELCO PRODUCTS DIV	OH	05/11/79	RAPCA - DAYTON,OH	JAMES GROSS	(513)-225-4435	11.0
GM HYDRA-MATIC	MI	06/15/79	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GM PROVING GROUND	MI	09/03/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GMC ASSEMBLY PLANT	MI	06/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	11.0
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	11.0
GMC CADILLAC MOTORS CORP.	MI	06/10/81	WAYNE COUNTY APCD	AL SCHEANS	(313)-224-4693	11.0
GMC CHEVROLT MOTOR DIV.	MI	03/01/80	MICHIGAN DNR	JOHN VIAL	(517)-322-1333	11.0
GREENWOOD MILLS, INC.	SC	09/03/80	SOUTH CAROLINA DHEC	OTTO PEARSON	(803)-758-5406	11.0
HILTI INDUSTRIES, INC	OK	08/08/79	TULSA CITY-COUNTY *	BILL GIBBONS	(918)-744-1000	11.0
IBM	NY	05/12/82	EPA REGION II	PAUL KAHN	(212)-264-9578	11.0
IBM CORP.	CA	06/09/82	EPA REGION IX	DAVID SOLOMON	(415)-974-8240	11.0
IBM CORP.	KY	06/23/78	KENTUCKY DAPC	GEORGE DAY	(502)-564-3382	11.0
MIDWEST FEATHER CO.	OH	05/04/83	SOUTHWEST OHIO APCA	WALTER ANDERSON	(513)-251-8777	11.0
OHIO MEDICAL ANESTHETICS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	11.0
PHILIP MORRIS	VA	05/20/81	VIRGINIA APCB	PAUL PITTS	(804)-786-4867	11.0
PHOENIX DYE WORKS	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	11.0
POOL CO.	TX	09/28/82	TEXAS ACB	RANDY HAMILTON	(512)-451-5711	11.0

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TABLE 1. INDEX (CONTINUED).

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PROCTOR & GAMBLE	NY	02/25/82	EPA REGION II	EDWARD NOWAK	(212)-264-8690	11.0
SAGINAW STEERING GEAR	AL	10/15/80	ALABAMA APCD	SUE ROBERTSON	(205)-834-6570	11.0
TEXAS INSTRUMENTS, INC.	TX	01/04/84	TEXAS ACB	ART KELLOGG	(512)-451-5711	11.0
TRICO INDUSTRIES, INC.	TX	01/12/83	TEXAS ACB	JAMES CROCKER	(512)-451-5711	11.0
SOURCE TYPE -- INSTITUTIONAL/COMMERCIAL						
A.I. DUPONT INSTITUTE	DE	09/18/80	EPA REGION III	JOANNE MCKERNAN	(215)-597-8182	12.0
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	12.0
CHATTANOOGA-HAMILTON COUNTY HOSPITAL AU*	TN	03/15/82	CHATTANOOGA APCB	HARVEY RICE	(615)-867-4321	12.0
GRIFFISS AIR FORCE BASE	NY	01/28/83	NEW YORK DEC	DAVID PROSSER	(315)-782-0100	12.0
LORING AIR FORCE BASE	ME	01/26/83	MAINE DEP	ROBERT BALLEW	(207)-289-2437	12.0
L.D.S. CHURCH WELFARE SQUARE	UT	07/01/82	UTAH BAQ	CARL BROADHEAD	(801)-533-6108	12.0
NORFOLK & WESTERN RAILWAY CO.	VA	07/14/80	EPA REGION III	BOB BLASZCZAK	(215)-597-8186	12.0
NORTHERN MICHIGAN UNIV.	MI	10/20/81	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	12.0
RADFORD ARMY AMMUNITION PLANT	VA	03/27/80	EPA REGION III	VERNON BUTLER	(215)-597-2711	12.0
SCHAAF LANE GREENHOUSE, INC.	OH		CLEVELAND DAPC	IKE HABIB	(216)-664-3508	12.0
SOUTHERLY WASTEWATER TREATMENT	OH	11/03/83	CLEVELAND DAPC	IKE HABIB	(216)-664-3508	12.0
UNIVERSITY HOSPITAL	OH		SOUTHWEST OHIO, AP*	STANLY KOZEMBA	(513)-251-8777	12.0
UNIVERSITY OF CINCINATI	OH	11/13/81	EPA REGION V	BONIFACE THAYIL	(312)-886-6054	12.0
UNIVERSITY OF WYOMING	WY	03/14/80	WYOMING AQD	ECKART HAAS	(307)-777-7391	12.0
UNIV. OF MICH., CEN HEATING PLANT	MI	09/01/80	MICHIGAN DNR	GREGORY EDWARDS	(517)-322-1333	12.0
US AIRFORCE-MALMSTROM	MT	06/01/81	EPA REGION VIII	JOHN DALE	(303)-837-3763	12.0
USAF - CHANUTE BASE	IL	04/01/84	ILLINOIS EPA	CHRIS ROMAINE	(217)-782-2113	12.0

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APPENDIX B

TABLE 2 CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE - SUMMARY OF EMISSION LIMITATIONS

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AL ELEC COOP INC	AL AL 071	1780.00MW	N	LIGNITE BOILER	CO	470.00LB/H	B*
						2060.00T/YR	B*
					NOX	2883.00LB/H	N*
						12628.00T/YR	N*
					PM	144.00LB/H	N*
						631.00T/YR	N*
					SO2	3803.00LB/H	N*
						16658.00T/YR	N*
AMERICAN LIGNITE PRODUCTS	CA SJ 83-02	14.80MW	N	COMBUSTOR, FLUIDIZED BED	CO	34.20LB/H	
					NO2	61.50LB/H	
					PM	7.50LB/H	
					SO2	65.00LB/H	
AMERICAN LIGNITE PROD. C*	CA	17.00MW		FLUID BED COMBUSTION	CO	139.00PPM	B*
					NOX	150.00PPM	B*
					PM	.02GR/DSCF	B*
					SO2	115.00PPM	B*
ARIZONA PUBLIC SERVICE C*	AZ AZP 78-01	350.00MW	N	COAL FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	
					SO2	.07LB/MMBTU	
				COAL HANDLING AREAS			
				LIMESTONE HANDLING AREAS			
ARKANSAS PWR & LT CO.	AR PSD-AR-48	800.00MW	N	COAL-FIRED STEAM GEN	PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU	N*
ASSOC. ELECT. COOP., INC.	MO	730.00MW	M	BOILER, COAL FIRED (UNIT 3),*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
BASIN ELECTRIC POWER COO*	ND	500.00MW	N	BOILER	NOX	2825.00LB/H	B*
						.45LB/MMBTU	B*
					PM	188.00LB/H	N*
						.03LB/MMBTU	N*
					SO2	2637.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.60LB/MMBTU	B*
					SO2	30.00% OF POTENT. C*	
BASIN ELECTRIC POWER COO*	WY CT-36	1500.00MW	N	BOILER, COAL	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
				BOILER, COAL, 2 EA	PM	.10LB/MMBTU	N*
					SO2	.20LB/MMBTU	N*
BIG RIVERS ELECT.-D.B. W*	KY C-80-41	880.00MW	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				COAL HANDLING			
				LIMESTONE HANDLING			
BOARD OF PUBLIC UTILITIES	KS	246.00MW	N	BOILER, COAL FIRED, PULV.	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	B*
B.F. GOODRICH	IL 82 03 0046		N	BOILER, FLUIDIZED BED, RECIR*	CO	400.00PPM	B*
					NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
						85.00% REDUCTION	B*
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-106	6507.00MMBTU/H	N	BOILER, LIGNITE FIRED	CO	.09LB/MMBTU	
					NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	1.03LB/MMBTU	
				COAL HANDLING	PM	1.60LB/H	
				COAL PILES	PM	20.70LB/H	
				LIME/LIMESTONE HANDLING AND *	PM	2.10LB/H	
CENTRAL POWER & LIGHT	TX (R)PSD-TX-365	6781.00MMBTU/H	M	ACTIVE COAL PILE	PM	5.78LB/H	B*
				COAL CONVEYOR TO BOILER	PM	4.63LB/H	B*
						13.44LB/D	B*
				COAL CONVEYOR TO TRANSFER HO*	PM	2.32LB/H	B*
						6.72LB/D	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COAL DUMPER,ROTARY	PM	29.76LB/H	B*
						149.80LB/D	B*
				COAL FIRED BOILER	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.39LB/MMBTU	N*
				COAL SAMPLE HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				COAL TRANSFER HOUSE	PM	7.00LB/H	B*
						34.30LB/D	B*
				CONVEYOR TO ACTIVE PILE	PM	2.25LB/H	B*
						2.25LB/D	B*
				CONVEYOR TO SAMPLE HOUSE	PM	2.40LB/H	B*
						11.75LB/D	B*
				FLYASH HANDLING	PM	.28LB/H	B*
						1.70LB/D	B*
				INACTIVE COAL PILE	PM	2.50LB/H	B*
				LIMESTONE CAR DUMP	PM	2.70LB/H	B*
						24.29LB/MK	B*
				LIMESTONE CONVEYOR TO BINS	PM	.40LB/H	B*
						3.60LB/MK	B*
				LIMESTONE CONVEYOR TO STORAGE	PM	.35LB/H	B*
						3.12LB/MK	B*
				LIMESTONE RECLAIM	PM	19.90LB/H	B*
						179.52LB/MK	B*
				LIMESTONE SILOS	PM	.35LD/H	B*
						3.15LB/MK	B*
				LIMESTONE STORAGE PILE	PM	.05LB/H	B*
				LIMESTONE TRANSFER HOUSE	PM	.19LB/H	B*
						1.71LB/MK	B*
CINCINATI GAS & ELECTRIC*	KY 0-82-072	1200.00MW	M	UNIT #1	NOX	.70LB/MMBTU	
						11550.00T/YR	
					PM	.10LB/MMBTU	
						1650.00T/YR	
					SO2	.84LB/MMBTU	
						13860.00T/YR	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CINCINATI GAS & ELECTRIC* (CONTINUED)						
				UNIT #2	NOX .70LB/MMBTU	
					20790.00T/YR	
					PM .10LB/MMBTU	
					2970.00T/YR	
					SO2 1.20LB/MMBTU	
					35640.00T/YR	
CITY OF WILKES-BARRE	PA 79PA23	92.50MMBTU/H	M	BOILER	PM 8.00LB/H	B*
					SO2 199.00LB/H	B*
					1.50LB/MMBTU	B*
COLORADO UTE-CRAIG UNIT *	CO	1320.00MW	M	ASH SILO VENT	PM 149.00T/YR	B*
				ASH UNLOAD	PM 34.00T/YR	B*
				BOILER, 440 MW		
					NOX .50LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .20LB/MMBTU	B*
				COAL PILE	PM 5.00T/YR	B*
				CONV.	PM 5.00T/YR	B*
				LIME TRANS./STORAGE	PM .00T/YR	B*
				RR CAR	PM 1.00T/YR	B*
				TRANS PTS.	PM .00T/YR	B*
CURTISS-WRIGHT CORP.	NJ	137.00MMBTU/H	M	PFB BOILER		
					SO2 .30LB/MMBTU	S*
DELMARVA POWER & LIGHT	MD 80MD01	550.00MW	M	BOILER	CO .04LB/MBTU	B*
					NOX .60LB/MBTU	B*
					65.00% EMISSION RED*	B*
					SO2 .60LB/MBTU	B*
					70.00% EMISSION RED*	B*
					VE 20.00% OPACITY STACK	B*
					VOC .01LB/MBTU	B*
				BOILERS & STORAGE PILES	PM .03LB/MBTU	B*
DESERET GEN & TRANS, MOO*	UT	800.00MW		BOILERS, COAL-FIRED, 2 EA		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	.55LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						.05GR/DSCF	B*
					SO2	418.00LB/H	B*
						.06LB/MMBTU	B*
				COAL CONV	VE	20.00% OPACITY	
					PM	1.00T/YR	B*
				COAL CRUSHER	VE	20.00% OPACITY	
					PM	1.00T/YR	B*
				COAL STORAGE	VE	20.00% OPACITY	
					PM	2.00T/YR	B*
				LIMESTONE HAND.	VE	20.00% OPACITY	
					PM	1.00T/YR	B*
					VE	20.00% OPACITY	
EAST KENTUCKY POWER COOP.	KY C-76-46	526.00MW MOD.	M	BOILER, PULV., COAL FIRED, D*			
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
EASTMAN KODAK CO., KODAK*	NY C262800 025 00*	670.00MMBTU/H	N	ASH HANDLING	PM	.08LB/H	B*
				BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	.05LB/MMBTU	B*
					NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BUNKER	PM	.02LB/H	B*
				COAL CAR UNLOADER	PM	1.10LB/H	B*
				CRUSHING	PM	.75LB/H	B*
E. KENTUCKY POWER CORP.	KY C-80-67	600.00MW, 2 EA	N	BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	PM	.03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	B*
				BOILER, COAL FIRED	SO2	1.20LB/MMBTU	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FLORIDA POWER CORP.	FL AC52-36102	1220.00BTU/H	M	FLY ASH HANDLING UNITS	PM	4.00LB/H	B*
GRAND HAVEN BOARD OF LT *	MI 541-79	58.00MW	N	COAL-FIRED BOILER	NOX	.60LB/MMBTU 30D AV	
					PM	.03LB/MMBTU	
					SO2	.84LB/MMBTU 30D AV	
						.80LB/MMBTU 24H AV	
GRAND RIVER DAM AUTHORITY	OK PSD-OK-51	490.00MW	N	COAL FIRED GEN STATION	PM	.10LB/MMBTU	
						513.10LB/H	
					SO2	1.20LB/MMBTU	
						6157.20LB/H	
HOLYOKE WATER POWER CO.,*	MA APPR. LTR 10-2*		M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*
						1.60LB/MMBTU DAILY*	R*
HOUSTON LIGHTING & POWER	TX PSD-TX-33	550.00MW	N	COAL FIRED STEAM ELECT. GEN	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
						573.00LB/H	
HOUSTON LIGHTING & POWER	TX PSD-TX-234	550.00MW	N	ACTIVE LIMESTONE PILE	PM	.10LB/H	B*
				COAL FIRED BOILER	CO	.06LB/MMBTU	
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.36LB/MMBTU	N*
				FLY ASH MIX TANK	PM	.70LB/H	B*
				INACTIVE LIMESTONE PILE	PM	.10LB/H	B*
				LIMESTONE CONVEYERS & TRANSF*	PM	.50LB/H	B*
				LIMESTONE CRUSHER	PM	.10LB/H	B*
				LIMESTONE FEED SILO	PM	.10LB/H	B*
				LIMESTONE UNLOAD	PM	.10LB/H	B*
IA SOUTHERN UTILITIES (C*	IA	727.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
IDAHO NAT ENGINEERING LA*	ID (R)PSD-X81-11	165.00MMBTU/H	N	BOILERS, 2	NOX	.50LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.05GR/DSCF	B*
					SO2	99.20LB/H	B*
				FUGITIVE EMISSIONS	PM	.01GR/ACF	
INDIANA STATEWIDE RURAL *	IN EPA-5-77-A-7	980.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
INDIANA & MICHIGAN ELEC.*	IN EPA-5-78-A-1	2600.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
INDIANAPOLIS POWER & LIG*	IN EPA-5-A-80-8	1950.00MW	N	BOILER, COAL FIRED, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.55LB/MMBTU	
INTERMOUNTAIN POWER PROJ*	UT	1640.00MW	M	BOILER, COAL FIRED, 3	NOX	.55LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.02LB/MMBTU	B*
					VE	20.00% OPACITY	B*
				COAL HANDLING, UNLOADING, CR*	PM	.02GR/DSCF	B*
					VE	20.00% OPACITY	B*
				COAL, LIMESTONE, ASH HANDLING	VE	20.00% OPACITY	B*
INTERMOUNTAIN PWR PROJEC*	UT	3000.00MW	N	ASH UNLOAD	PM	64.00LB/H	B*
					VE	20.00% OPACITY	
				COAL CONV	PM	17.00LB/H	B*
					VE	20.00% OPACITY	
				COAL CRUSHING	PM	1.00LB/H	B*
					VE	20.00% OPACITY	
				COAL STORAGE	PM	27.00LB/H	B*
					VE	20.00% OPACITY	
				COAL UNLOAD	PM	2.00LB/H	B*
					VE	20.00% OPACITY	
				CONV/TRANSFER	PM	4.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	1.00LB/H	B*
				LIME STORAGE	PM	.10LB/H	B*
					VE	20.00% OPACITY	

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SOURCE TYPE CODE 1.1

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INTERMOUNTAIN PWR PROJEC* (CONTINUED)						
				4 BOILERS	CO 1248.00LB/H	B*
					NOX .55LB/MMBTU	B*
					PM .02LB/MMBTU	B*
					SO2 .15LB/MMBTU	B*
					VE 20.00% OPACITY	
					VOC 375.00LB/H	B*
IOWA ELECTRIC LIGHT & PO*	IA	650.00MW	N	MATERIAL HANDLING	PM .01GR/DSCF	B*
					VE 20.00% OPACITY	B*
				STEAM GENERATING COAL-FIRED *	NOX .50LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	
					SO2 .60LB/MMBTU DAILY*	B*
					VE 20.00% OPACITY	B*
IOWA-ILLINOIS GAS & ELEC*	IA	600.00MW	N	BOILER	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .86LB/MMBTU 24H AV	B*
					1.05LB/MMBTU 3H AV	B*
JACKSONVILLE ELECT. AUTH*	FL (R)PSD-FL-010	600.00MW	N	STEAM GEN. UNIT	NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .76LB/MMBTU	B*
KANSAS CITY POWER & LIGHT	MO	630.00MW	N	BOILER, COAL FIRED, PULV.	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
KANSAS POWER & LIGHT CO.	KS	2880.00MW (TOTAL*	M	COAL FIRED BOILEPS, UNITS 3 *	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
KENTUCKY POWER - CARR'S *	KY C-80-42	1300.00MW	N	POWER BOILER	NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .60LB/MMBTU	B*
KENTUCKY UTILITIES - HAN*	KY C-82-123	1300.00MW	N	UNIT #1	CO 1397.00T/YR	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					NOX .60LB/MMBTU 17476.00T/YR	
					PM .03LB/MMBTU 874.00T/YR	
					SO2 1.20LB/MMBTU 15768.00T/YR	
				UNIT #2	CO 1397.00T/YR	
					NOX .60LB/MMBTU 17476.00T/YR	
					PM .03LB/MMBTU 874.00T/YR	
					SO2 1.20LB/MMBTU 15768.00T/YR	
LOUISVILLE GAS & ELECT. *	KY C-78-34			INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU 8924.00T/YR	
					PM .10LB/MMBTU 1275.00T/YR	
					SO2 1.20LB/MMBTU 10790.00T/YR	
LOUISVILLE GAS & ELECT. *	KY C-79-53		N	INDIRECT HEAT EXCHANGER	NOX .70LB/MMBTU 8924.00T/YR	
					PM .10LB/MMBTU 1275.00T/YR	
					SO2 1.20LB/MMBTU 10790.00T/YR	
LOWER COLORADO RIVER AUT*	TX 9231-34	4735.00MMBTU/H	N	ASH HANDLING	PM 4.70T/YR	B*
				BOILER, LIGNITE FIRED	CO 2627.70T/YR	B*
					NG .13T/YR	B*
					H2* 954.70T/YR	B*
					NOX 12350.20T/YR	B*
					PM 622.00T/YR	B*
					SO2 20736.90T/YR	B*
					VOC 168.20T/YR	B*
				COAL HANDLING, CONVEYING SYS.	PM 53.80T/YR	B*

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LOWER COLORADO RIVER AUT* (CONTINUED)							
				COAL HANDLING, STORAGE	PM	32.90T/YR	B*
				LIMESTONE HANDLING	PM	.70T/YR	B*
MARQUETTE BOARD OF LT & *	MI 65-80	517.60MMBTU/H	N	BOILER, COAL-FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.40LB/MMBTU	
				COAL & ASH HANDLING & STORAGE	PM	.01GR/DSCF	
MICHIGAN SOUTH CENTRAL P*	MI 607-78	500000.00LB/H	N	COAL-FIRED BOILER	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
MINN. POWER & LIGHT CO.,*	MN EPA-5-77-A-6	500.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
MORGANTOWN ENERGY RESEAR*	WV 78WV08	98.30MMBTU/H	N	COAL/LIMESTONE CONVEYORS			
				COAL/LIMESTONE DRYER			
				COAL/LIMESTONE DRYER			
				COAL/LIMESTONE DRYER			
				COAL/LIMESTONE UNLOAD			
				FLUIDIZED BED BOILER	NOX	34.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	86.00LB/H	B*
MUSCATINE POWER & WATER	IA	166.00MW (GROSS)	M	ASH HANDLING	PM	.02GR/SCF	L*
				BOILER, UNIT #9, COAL/OIL/GAS	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	L*
					SO2	.45LB/MMBTU 30D R*	L*
						.56LB/MMBTU MAX D*	L*
				COAL HANDLING	PM	.01GR/SCF	L*
NE PUBLIC POWER DIST./GE*	NE	650.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
NEBRASKA PUBLIC POWER DI*	NE	650.00MW		BOILER	CO	50.00PPM	
					NOX	.50LB/MMBTU 30D AV	
					PM	.03LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
					SO2	70.00% REMOVAL	
						.38LB/MMBTU 30D AV	
				COAL HANDLING	PM	20.00% OPACITY	
NEVADA POWER CO.	NV NV-77-01	560.00MW EA	N	ACTIVE COAL STORAGE SILOS			
				ASH HANDLING,STOR. & DISPOSAL			
				BOILERS, 4 EA			
					CO	320.00LB/H	B*
						50.00PPM AT 20% EXC*	B*
					F	9.00LB/H	
					H2*	13.00LB/H	
					NOX	2498.00LB/H	B*
						.44LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
						10.00% OPACITY	B*
					SO2	566.00LB/H	B*
						.10LB/MMBTU	B*
				COAL DEWATERING PLANT			
					CO	26.00LB/H	
						50.00PPM	
					F	1.00LB/H	
						2.00LB/H	
					H2*	1.00LB/H	
						2.00LB/H	
					NOX	204.00LB/H	
						.44LB/MMBTU	
					SO2	46.00LB/H	
						.11LB/MMBTU	
				COAL FIRED BOILERS, 4	PM	11.40T/YR	
				FUEL OIL STORAGE			
				INACTIVE COAL STORAGE PILE			
				LIME CONVEYING, TRANSFER, ST*			
				PLANT ACCESS & HAUL ROADS			
NEW ENGLAND POWER CO., B* MA APPR. LTR 10-0*		1080.00MW	M	COAL COMBUSTION			
					PM	.08LB/MMBTU	R*
					S	1.21LB/MMBTU MONTH*	R*

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						2.31LB/MMBTU DAILY*	R*
NORTHERN INDIANA PUBLIC *	IN EPA-5-A-80-18	7934.00MMBTU/H	N	BOILERS, COAL-FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	.62LB/MMBTU	
				FUGITIVE EMISSIONS, CONVEYORS			
				FUGITIVE EMISSIONS, CRUSHER *			
				FUGITIVE EMISSIONS, FLYASH &*			
NORTHERN STATE POWER CO.*	MN EPA-5-77-A-2	1600.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
NSPS COAL/WATER MIXTURE *	OH 07-107			P001	PM	.03GR/DSCF	N*
					VE	20.00% OPACITY	N*
				P002	PM	.03GR/DSCF	N*
					VE	20.00% OPACITY	N*
				P003	PM	.03GR/DSCF	N*
					VE	20.00% OPACITY	N*
NY STATE ELECT. & GAS - *	NY	635.00MW	N	AUXILIARY BOILERS, 2			
				COAL HANDLING			
				FLYASH HANDLING			
				LIMESTONE HANDLING			
				MAIN BOILER			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.70LB/MMBTU	B*
						.60LB/MMBTU	B*
OKLAHOMA GAS & ELECT. CO.	OK PSD-OK-57	550.00MW	M	COAL FIRED BOILER	PM	.10LB/MMBTU	
						212.00LB/H	
					SO2	1.20LB/MMBTU	
						6180.00LB/H	
OKLAHOMA GAS & ELECT. CO.	OK (R)PSD-OK-218	550.00MW	M	BIN TOWERS, COAL SURGE, 2 EA	PM	3.90LB/H	B*
				COAL CRUSHER TOWER	PM	3.40LB/H	B*
				COAL SILOS, 2 EA	PM	3.70LB/H	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COAL STORAGE PILES	PM	5.80LB/ACRE	B*
				GEN. UNITS, COAL-FIRED, 2 EA	CO	.06LB/MMBTU	B*
					NOX	.50LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.46LB/MMBTU	N*
				TUNNELS, COAL RECLAM., 2 EA	PM	2.80LB/H	B*
PACIFIC POWER & LIGHT	WY CT-23	500.00MW	N	BOILER, COAL	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.20LB/MMBTU 2H AV	B*
PANORAMA ENERCORP, INC	WA (R)PSD-X81-15	37.00MW	N	BOILER	CO	107.30LB/H	B*
					NOX	.17LB/MMBTU	B*
					PM	.01GR/DSCF 12% CO2	
					VOC	36.50LB/H	
PENNSYLVANIA ELECT. CO.	PA 78PA13	625.00MW ONE	N	COAL AND ASH HANDLING			
				UTILITY BOILER, COAL FIRED	CO	.04LB/MMBTU	N*
					NOX	.60LB/MMBTU	N*
					PM	.03LB/MMBTU	N*
					SO2	.63LB/MMBTU	B*
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-82	2471.00MMBTU/H	N	COAL HANDLING			
				FUGITIVE EMISSIONS			
				LIMESTONE HANDLING			
				STEAM GENERATOR, COAL-FIRED	CO	.06LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					NOX	.45LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	.20LB/MMBTU	B*
				STOCKPILING AND STORAGE			
PLATTE RIVER PWR-RAWHIDE	CO	250.00MW	N	BOILER	NOX	.50LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	.13LB/MMBTU	B*
				COAL CONV	PM	.53LB/H	B*
				COAL CRUSHING	PM	.40LB/H	B*

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				COAL STORAGE	PM 40.40LB/H	B*
				COAL UNLOAD	PM 1.05LB/H	B*
				LIME STORAGE	PM .04LB/H	B*
				SILO(ASH)	PM .01LB/H	B*
SALT RIVER PROJECT CORON*	AZ (R)AZP76-1	350.00MW	M	STEAM GEN. UNIT	NOX .70LB/MMBTU	N*
					PM .08LB/MMBTU	
					SO2 .80LB/MMBTU	
SANDOW STEAM ELECT. STAT*	TX PSD-TX-28	890.00MW	M	BOILER, LIGNITE FIRED	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					6827.00LB/H	
SIERRA PACIFIC POWER CO.	NV (R)NV 77-02	530.50MW	N	BOILERS, COAL FIRED, 2	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
SIKESTON BOARD OF MUNICI*	MO	235.00MW	N	BOILER, STEAM GEN, COAL FIRED	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOUTHWESTERN PUBLIC SERV*	TX (R)PSD-TX-50	567.00MW, 2 EA	N	STEAM TURBINE, COAL-FIRED	PM .10LB/MMBTU	
					SO2 508.80LB/H	
					1.20LB/MMBTU	
SUNFLOWER ELECT. COOP., *	KS	348.00MW (GROSS)	N	BOILER, COAL-FIRED	CO .06LB/MMBTU 30D R*	B*
					NOX .60LB/MMBTU	B*
					PM .03LB/MMBTU	B*
					SO2 .48LB/MMBTU 30D R*	B*
SW ELECT. POWER	LA (R)PSD-LA-117	720.00MW EA	M	BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	CO .80LB/MMBTU	B*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	NOX .60LB/MMBTU	N*
				BOILER, COAL FIRED	PM .10LB/MMBTU	B*
				BOILER, COAL FIRED	PM .03LB/MMBTU	B*
				BOILER, COAL FIRED	SO2 1.20LB/MMBTU	N*
				BOILER, COAL FIRED	SO2 .60LB/MMBTU	N*

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SW ELECT. POWER	(CONTINUED)					
				COAL HANDLING		
SW ELECT. POWER	TX PSD-TX-64	720.00MW	M	COAL FIRED STEAM GEN	PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
					682.00LB/H	
SW ELECT. POWER	TX (R)PSD-TX-130	1440.00MW	N	BOILERS, 2 EA	CO .10LB/MMBTU	B*
					NOX .60LB/MMBTU	N*
					PM .03LB/MMBTU	N*
					SO2 .90LB/MMBTU	B*
				COAL STORAGE	PM 2.40LB/H	
				COAL TRANSFER	PM 2.40LB/H	
				COAL UNLOAD	PM 2.40LB/H	
				LIMESTONE STORAGE	PM .20LB/H	
				LIMESTONE TRANSFER	PM .60LB/H	
				LIMESTONE UNLOAD	PM .20LB/H	
SW ELECT. POWER	TX	720.00MW, 2 EA	N	BOILER, COAL FIRED UNIT #1	CO .13LB/MMBTU	
					892.00LB/H	
					NOX .60LB/MMBTU	
					4068.00LB/H	
					PM 203.00LB/H	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H	
				BOILER, COAL FIRED UNIT #2	CO .13LB/MMBTU	
					892.00LB/H	
					NOX .60LB/MMBTU	
					4068.00LB/H	
					PM 203.00LB/H	
					.03LB/MMBTU	
					SO2 .72LB/MMBTU	
					4882.00LB/H	
S.C. PUBLIC SERVICE AUTH*	SC P/C-08-190	500.00MW		#3 GENERATOR	CO .04LB/MMBTU	B*
					NOX .60LB/MMBTU	B*

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					PM	.03LB/MMBTU	N*
					SO2	.41LB/MMBTU	B*
TACOMA CITY LIGHT	WA (R)PSD-X-82-06	1600.00MMBTU/H	N	BOILER	NOX	.50LB/MMBTU	
						786.00LB/H	
					NOX	2926.00T/YR	
					SO2	.23LB/MMBTU	
						367.00LB/H	
					SO2	1366.00T/YR	
TAMPA ELECT. CO.	FL (R)PSD-FL-040	425.00MW	M	BOILER, COAL FIRED	CO	.01LB/MMBTU	B*
						61.00LB/H	B*
					NOX	.60LB/MMBTU	B*
						2598.00LB/H	B*
					PM	.03LB/MMBTU	N*
						130.00LB/H	N*
					SO2	.82LB/MMBTU	N*
						3576.00LB/H	N*
TUCSON ELECT. POWER CO. *	AZ AZP 79-01	350.00MW	M	COAL FIRED GEN. UNITS	NOX	.44LB/MMBTU	
					PM	.03LB/MMBTU	
					SOX	.22LB/MMBTU	
						817.00LB/H	
TUCSON ELECT. POWER CO. *	AZ (R)AZ77-01	700.00MW	N	BOTTOM ASH			
				COAL FIRED GEN. UNITS, 2	NOX	.70LB/MMBTU	N*
					PM	.03LB/MMBTU	B*
					SO2	.69LB/MMBTU	B*
				COAL HANDLING			
				FLY ASH			
TVA - AFBC PILOT PLANT -*	KY C-80-18	200.00MMBTU/H	N	FLUIDIZED BED BOILER	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
TVA - PARADISE - DRAKESB*	KY C-79-47	230.00MW	M	COAL CRUSHING PLANT			
				COAL WASHING PLANT	PM	325.20T/YR ALLOWABLE	L*
						136.50T/YR ACTUAL	L*

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TABLE 3. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
[illegible]		[illegible]	M	ACTIVE STORAGE	PM	2.00LB/H	B*
					VE	20.00% OPACITY	
				ASH SILO UNLD	VE	20.00% OPACITY	B*
				ASH SILO VENT	PM	49.00LB/H	B*
					VE	20.00% OPACITY	
				BOILER, #4	NOX	.55LB/[illegible]BTU	B*
					PM	.03LB/[illegible]BTU	B*
					SO2	.12LB/[illegible]BTU	B*
					VE	20.00% OPACITY	
				CONV	PM	5.00LB/H	B*
					VE	20.00% OPACITY	
				HAUL ROADS	PM	2.70LB/H	B*
				INACT STORAGE	PM	40.00LB/H	B*
					VE	20.00% OPACITY	
				LIME T/S	VE	20.00% OPACITY	B*
				SLUDGE MIX(ASH)	VE	20.00% OPACITY	B*
				TRANS	PM	1.00LB/H	B*
					VE	20.00% OPACITY	
				TRUCK UNLD	PM	.10LB/H	B*
					VE	20.00% OPACITY	
[illegible]	[illegible]	[illegible]	M	BOTTOM ASH DISPOSAL			
				CGS BOILER	BE	.02LB/H ANNUAL AV	
					CO	332.00LB/H	
					F	1.15LB/H ANNUAL AV	
					HG	.03LB/H ANNUAL AV	
					NOX	.50LB/[illegible]BTU SB. C*	
						.60LB/[illegible]BTU BIT. *	
					PB	.27LB/H ANNUAL AV	
					PM	.03LB/[illegible]BTU	
					SO2	.22LB/[illegible]BTU 30D R*	
						1140.00LB/H 24H D AV	
					SU*	80.90LB/H ANNUAL AV	
					VE	20.00% OPACITY	
					VOC	3.32LB/H	
				COAL CONVEYOR DISCHARGE			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	20.00% OPACITY	
				COAL CONVEYOR TRIPPERS	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				COAL SILOS	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				COAL SUPPLY SYSTEM	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				CONVEYORS	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				DEAD STORAGE	PM	20.00GR/DSCF	
					VE	95.00% OPACITY	
				FLY ASH HANDLING & SILOS	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				LIMESTONE SILOS	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				ROAD DUST			
				ROTARY CAR DUMPER (COAL)	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				ROTARY CAR DUMPER (LIMESTONE)	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				TRANSFER HOUSES	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
				WASTE TREATMENT BLDG.	PM	.01GR/DSCF	
					VE	5.00% OPACITY	
[illegible]	[illegible]	440.00MW (NET)	N	COAL & LIMESTONE STORAGE/HAN*	PM	60.00LB/H	
				STEAM GENERATOR	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	N*
[illegible]	[illegible]	1160.00MW	N	BOILER, COAL FIRED, 2 EA	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
[illegible]	[illegible]	400.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

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FOR DIMENSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

SOURCE TYPE CODE 1.1

TABLE I. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.1 EXTERNAL COMBUSTION - COAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
[illegible] PUBLIC SERVICE*	GE EPA-S-77-A-4	321.00MW	N	BOILER, COAL FIRED	PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

SOURCE TYPE CODE -- 1.2 EXTERNAL COMBUSTION - OIL

[illegible] REFINERY	CA 4132002-004		N	BOILER, OIL FIRED	NOX	199.00LB/D	
					SO2	61.40LB/D	
[illegible] CHEMICAL & PLASTICS*	MS 709007	81.90MMBTU/H	N	OIL FIRED BOILER	SO2	355.10LB/H	B*
HOUSTON LIGHTING & POWER	TX LO-HPSD-TX-289	109.00MMBTU/H EA	N	BOILER, 2 EA	NOX	.30LB/MMBTU	B*
						55.00LB/H	B*
					PM	.10LB/MMBTU	B*
						18.35LB/H	B*
					SO2	.50LB/MMBTU	B*
						92.10LB/H	B*
NORTHERN INDIANA PUBLIC *	IN EPA-S-79-A-25		N	GENERATOR, OIL FIRED, 2	NOX	75.00PPM	

SOURCE TYPE CODE -- 1.3 EXTERNAL COMBUSTION - NATURAL GAS

APPLIED POWER TECHNOLOGY*	CA SAC 83-02	18.00MW	N	BOILER, 2	NOX	35.40LB/H	
					PM	11.90LB/H	
CONSUMERS POWER CO.	MI 99-02	175.00MLB/H	N	BOILERS, NAT. GAS, 3 EA	NOX	.20LB/MMBTU	
MOBAY CHEMICAL CORP.	MS 488		N	BOILER, 2 TOTAL			
					NOX	.20LB/MMBTU	N*

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SOURCE TYPE CODE 1.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.3 EXTERNAL COMBUSTION - NATURAL GAS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOUTHERN NAT. GAS	MS 1010P3D-MS-036	2000.00HP	N	ENGINE, NAT. GAS	CO	10.50LB/H	N*
						46.20T/YR	N*
					NOX	37.40LB/H	N*
						163.90T/YR	N*

SOURCE TYPE CODE -- 1.4 EXTERNAL COMBUSTION - WOOD WASTE

AFTON GENERATING CO.	WY CT-483	155.62MMBTU/H	N	BOILER, WOOD & BARK WASTE	CO	.44LB/MMBTU	B*
					NOX	.24LB/MMBTU	B*
					PM	.05GR/DSCF AT 12%*	B*
						.10LB/MMBTU	B*
					VOC	.09LB/MMBTU	B*
CO-GEN	ID		N	BOILER, WOOD FIRED	CO	5.90LB/H	
					NOX	19.00LB/H	
					PM	3.95LB/H	
CO-GEN., INC.	ID 1010P3D-X81-16	6.00MW	N	BOILER	CO	.22LB/MMBTU	B*
						117.60T/YR	B*
					NOX	.17LB/MMBTU	B*
						88.20T/YR	B*
					PM	.03LB/MMBTU	
						16.60T/YR	
					VOC	.08LB/MMBTU	B*
						117.60T/YR	B*
KAPUSKA COGENERATION PROJ*	CA TAC-812		N	BOILER, WOOD WASTE	CO	.35LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.04LB/MMBTU	
					VOC	.07LB/MMBTU	
MCNEIL GENERATING STATION VT		50.00MW	N	WOOD FIRED FURNACE	PM	.01LB/MMBTU	
						.01GR/DSCF AT 12%*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.4 EXTERNAL COMBUSTION - WOOD WASTE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TEXAS ELECTRIC COOP., INC.	TX 9369	35.00MMBTU/H	N	BOILER	CO	1.10LB/MMBTU	B*
					NOX	.03LB/MMBTU	B*
					PM	.30LB/MMBTU	B*
					SO2	.20LB/MMBTU	B*
					VOC	.20LB/MMBTU	B*
ALTRYSYSTEMS	CA MAC-129		N	BOILER, WOOD WASTE	PM	.05LB/MMBTU	

SOURCE TYPE CODE -- 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS

AMER MUNICIPAL POWER PLA*	IA	65.00MW	M	BOILER, UNIT #8, STEAM GEN.	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
CITY OF COLUMBUS	OH EPA-5-A-83-3	90.00MW	N	BOILER, REFUSE/COAL FIRED, 6*	NOX	.50LB/MMBTU	
						.70LB/MMBTU COAL *	
					PM	.10LB/MMBTU	
					SO2	.93LB/MMBTU 6 BOI*	
						1.44LB/MMBTU,<4 BO*	
FLORIDA POWER & LIGHT	FL FL-047	3600.00MMBTU/H	M	COAL PULVERIZERS	PM	7.70LB/H	N*
						11.09T/YR	N*
GULF STATES UTILITY	LA (R)PSD-LA-305	4457.00MMBTU/H	M	BOILER	CO	.01LB/MMBTU COAL *	B*
						.03LB/MMBTU OIL	B*
					NOX	.19LB/MMBTU COAL *	B*
						.30LB/MMBTU OIL	B*
					PM	.03LB/MMBTU COAL *	B*
						.01LB/MMBTU OIL	B*
					SO2	.62LB/MMBTU COAL *	B*
						.66LB/MMBTU OIL	B*
				COAL DELIVERY	PM	.08LB/H	B*

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SOURCE TYPE CODE 1.5

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.0 EXTERNAL COMBUSTION - MULTIPLE FUELS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COAL GASIFIER	CO	.69LB/T	B*
				COAL GASIFIER	CO	.01LB/T	B*
				COAL GASIFIER	NOX	.03LB/T	B*
				COAL GASIFIER	NOX	.01LB/T	B*
				COAL GASIFIER	PM	.03LB/T	B*
				COAL GASIFIER	PM	.01LB/T	B*
				COAL GASIFIER	SO2	.10LB/T	B*
				COAL GASIFIER	SO2	.19LB/T	B*
				CRUSHING/SCREENING	PM	.14LB/H	B*
				PULVERIZING	PM	.08LB/H	B*
				TURBINE	CO	.13LB/MMBTU OIL	B*
						.09LB/MMBTU GAS	B*
				TURBINE	CO	.09LB/MMBTU	B*
				TURBINE	NOX	.27LB/MMBTU OIL	N*
						.27LB/MMBTU GAS	N*
				TURBINE	NOX	.25LB/MMBTU	N*
				TURBINE	PM	.21LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
				TURBINE	PM	.00LB/MMBTU	B*
				TURBINE	SO2	.60LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
				TURBINE	SO2	.21LB/MMBTU	B*
AMPHEX ELECT.	OR (R)PSD-X81-12	442.00MMBTU/H	N	BOILERS, 2	NOX	.50LB/MMBTU	B*
					SO2	.18LB/MMBTU	B*
INTERNATIONAL PAPER CO.	TX 14163	350.00HP	N	BOILER, PACKAGE	CO	.03LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.22LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
POWER AUTHORITY STATE OF*	NY	700.00MW	N	AUX. BOILER	NOX	.30LB/MMBTU	
					PM	.08LB/MMBTU	
					SO2	.30% S FUEL	S*
				BOILER	CO	.04LB/MMBTU	B*
					NOX	.60LB/MMBTU COAL	B*

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SOURCE TYPE CODE 1.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.5 EXTERNAL COMBUSTION - MULTIPLE FUELS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.30LB/MMBTU OIL	B*
					PM	.02LB/MMBTU COAL	B*
						.03LB/MMBTU COAL/*	B*
					PM	.01LB/MMBTU OIL	B*
					SO2	.40LB/MMBTU	B*
					VE	20.00% OPACITY	
				COAL CRUSHED	PM	.03GR/DSCF	B*
					VE	20.00% OPACITY	
				COAL HANDLING			
				COOLING TOWER	PM	.00% OF H2O FLOW	
STONE CONTAINER CORP.	LA PSD-LA-525		N	BOILER, COAL FIRED	BE	.00LB/H	B*
					CO	47.60LB/H	B*
						.05LB/MMBTU	B*
					F	.00LB/H	B*
					NOX	716.10LB/H	B*
						.70LB/MMBTU	B*
					PM	102.30LB/H	N*
						.10LB/MMBTU	N*
					SO2	1227.60LB/H	B*
						1.20LB/MMBTU	B*
					VOC	14.30LB/H	B*
				BOILER, COMBINATION, BARK/CO*	BE	.00LB/H	B*
					CO	420.40LB/H	B*
						.60LB/MMBTU	B*
					F	3.75LB/H	B*
					NOX	476.30LB/H	B*
						.70LB/MMBTU	B*
					PM	68.00LB/H	N*
						.10LB/MMBTU	N*
					SO2	816.50LB/H	B*
						1.20LB/MMBTU	B*
					VOC	105.00LB/H	B*

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SOURCE TYPE CODE 1.5

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CALIFORNIA POWER & LIGHT	CA SJ 83-09	161000.00LB/H	N	BOILER, 2 EA	CO	309.00LB/H	
					NOX	140.00LB/H	
					PM	.01GR/DSCF	
					SO2	37.00LB/H	
						40.00PPM AT 3% O2	
CONTINENTAL CARBON CO.	TX C-9011		N	WASTE GAS DRYER	NOX	5.80LB/H	
					PM	2.20LB/H	
					SO2	69.10LB/H	
HOUSTON LIGHTING & POWER	TX (R)PSD-TX-371	1500.00MW	N	BOILER, LIGNITE-FIRED, 2 EA	BE	.00LB/MMBTU	B*
					CO	.11LB/MMBTU	B*
					HG	.00LB/MMBTU	B*
					H2*	.03LB/MMBTU	B*
					NOX	.60LB/MMBTU	N*
					PB	.00LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					VOC	.00LB/MMBTU	B*
				FEED SILO, WASTE BLENDING	PM	.12LB/H	B*
				FLYASH SILO	PM	.12LB/H	B*
				LIMESTONE FEED SILO, 3 EA	PM	.01LB/H	B*
				LIMESTONE LOADOUT	PM	.02LB/H	B*
				LIMESTONE RAILCAR UNLOAD	PM	1.33LB/H	B*
				LIMESTONE RECLAIM TUNNEL	PM	.02LB/H	B*
				LIMESTONE RECLAIM & TRANSFER	PM	.05LB/H	B*
				LIMESTONE STORAGE PILE	PM	.37LB/H	B*
				PUSHILL, WASTE BLENDING	PM	.21LB/H	B*
METROPOLITAN SERVICE DIS*	OR 03-2667	2010.00T/D	N	BOILERS, 3	CO	1.43LB/T	B*
					F	.02LB/T	B*
					HCL	.67LB/T	B*
					HG	.00LB/T	B*
					NOX	3.50LB/T	B*
					PB	.01LB/T	B*
					PM	.02GR/DSCF	L*
					SO2	.57LB/T	B*
					TE*	.00LB/T	B*

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SOURCE TYPE CODE 1.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 1.6 EXTERNAL COMBUSTION - OTHER

REPORT DATE 05/11/1994

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
METROPOLITAN SERVICE DIST* (CONTINUED)							
					VOC	.12LB/T	B*
RESIDENTIAL GEOTHERMAL - *	CA NCP-6-4-1 NC-8*	20.00MW	N	POWER PLANT	H2S	8.00LB/H	
PACIFIC GAS & ELECTRIC C*	CA (P-NCB-6-4-3 *		N	POWER PLANT	H2S	10.40LB/H	B*
TEXAS UTILITIES GEN CO.	TX PSD-TX-32	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
TEXAS UTILITIES SERVICE,*	TX PSD-TX-47	1500.00MW	N	LIGNITE FIRED STEAM	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
TEXAS UTILITIES SERVICE,*	TX PSD-TX-44	792.00MMBTU/H	N	LIGNITE FIRED STEAM ELECT.	PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
WESTCHESTER COUNTY RESCU*	NY	2250.00T/D	N	INCINERATORS, REFUSE FIRED, *	AS*	.03GR/DSCF	B*
					BE	.03GR/DSCF	B*
					CO	.62LB/T REFUSE	B*
					HG	.03GR/DSCF	B*
					NOX	3.00LB/T REFUSE	B*
					PB	.03GR/DSCF	B*
					PM	.03GR/DSCF	B*
SOURCE TYPE CODE --	2.1 REFUSE INCINERATION						
SUFFOLK COUNTY RESOURCE*	NY 134401 0024		N	COMBUSTION UNIT, WATER WALL *	CO	13.00LB/H	B*
					HCL	33.00LB/H, NOTE	
					NOX	25.00LB/H	B*
					PM	.02GR/DSCF, NOTE	B*
					SO2	25.00LB/H	B*
ENERGY ANSWERS CORP.	MA 025-12SMA14	1000.00T/D RDF	N	BOILER,WATER-COOLED, 3 EA.	NOX	.50LB/MMBTU	B*

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SOURCE TYPE CODE 2.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.05GR/DSCF 12% CO2	B*
					SO2	.34LB/MMBTU	B*
						.30% S BY WT, OIL	B*
MURDER ENERGY CORP.	NY NONE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX	.70LB/MMBTU COAL	
						.30LB/MMBTU OIL	
					PM	.10LB/MMBTU COAL	
						.07LB/MMBTU OIL	
					PM	.03GR/DSCF REFUSE	
					SO2	1.20LB/MMBTU COAL	
						.80LB/MMBTU OIL	
					VE	20.00% OPACITY COAL	B*
						20.00% OPACITY OIL	B*
					VE	20.00% OPACITY REFU*	B*
[illegible]	UT		N	INCINERATOR & BOILER, WASTE *	CO	35.50LB/H	B*
					F	1.10LB/H	B*
					HCL	31.80LB/H	B*
					HG	.12LB/H	B*
					NOX	29.90LB/H	B*
					PB	.22LB/H	B*
					FM	.03GR/DSCF AT 12%*	B*
					SO2	22.40LB/H	B*
					VE	20.00% OPACITY	B*
[illegible] REFUSE-TO-ENER*	FL (R)PSD FL-006	1000.00T/D	N	MASS BURN FURNACES	BE	5.00G/D	
					F	6.00LB/H	
					HG	.60LB/H	
					NOX	300.00LB/H	
					PB	3.10LB/H	
[illegible] REFUSE-TO-ENER*	FL AC 29-47277	1000.00T/D	N	MASS BURN FURNACES	PM	.03GR/DSCF AT 12%*	L*
[illegible] REFUSE-TO-ENER*	FL (R)PSD FL-006	1000.00T/D	N	MASS BURN FURNACES	SO2	170.00LB/H	
[illegible] REFUSE-TO-ENER*	FL AC 29-47277	1000.00T/D	N	MASS BURN FURNACES			

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SOURCE TYPE CODE 2.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VOC	9.00LB/H	
MUNICIPAL INCINERATOR PUM	MD 70ID-09	600.00T/D	N	MUNICIPAL INCINERATOR	CO	30.00PPH	B*
						127.00T/YR	B*
					NOX	2.60PPH	B*
						11.40T/YR	B*
					PM	.03GR/DSCF	S*
						81.60T/YR	S*
					SO2	35.10PPH	B*
						154.00T/YR	B*
					VOC	1.30PPH	B*
						5.50T/YR	B*
[illegible] RESOURCE RECOVERY *	MA 829-121MA16	62.50T/H WASTE	N	AUXILIARY BOILER, 1	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
				STEAM GENERATING UNITS, 2 IN*	CO	.07LB/MMBTU	B*
					NOX	.32LB/MMBTU	B*
					PM	.05GR/DSCF AT 12%*	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*
W.E. MARYLAND WASTE DISP*	MD 01MD01	2010.00T/D 3 UNI*	M	WATER WALL, 3 EA INCINERATOR	CO	109.00LB/H	B*
						406.00T/YR	B*
					F	4.20LB/H	B*
						15.70T/YR	B*
					NOX	227.00LB/H	B*
						999.00T/YR	B*
					SO2	335.00LB/H	B*
						1259.00T/YR	B*
[illegible] CREEK IMPROVEMENT *	FL PSD-FL-044	100.00T/D SOLID*	M	SLAGGING PYROLYSIS INCIN.	CO	2.26LB/MMBTU	B*
						91.20LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.1 REFUSE INCINERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
REFUSE FUELS, INC.	MA 023-1210A12	960.00T/D RDF	M	FURNACE,WATER WALL, BALANCED*	NOX	.70LB/MMBTU RDF	B*
						.30LB/MMBTU OIL	B*
					PM	.03GR/DSCF	L*
					S	1.00% S OIL	B*
						1.20LB/MMBTU RDF	B*
RESOURCES AUTHORITY	TN	75.00T/D 2 EA	N	BOILERS, 2 MUNICIPAL REFUSE *	PM	.04GR/SCF	N*
STEAM SUPPLY CORP.	OK T82-90		N	INCINERATORS, SOLID WASTE, 3*	CO	54.60LB/H	
					HG	.20LB/H	
					NOX	46.00LB/H	
					PM	31.70LB/H	
					SO2	17.50LB/H	
					VOC	3.50LB/H	
TRIARK ENERGY	OR 24-6398	624.00T/D	N	INCINERATOR, SOLID WASTE, 2 *	CO	55.00LB/H	
						170.00T/YR	
					FL*	1.60LB/H	
						4.80T/YR	
					HCL	23.00LB/H	
						69.00T/YR	
					HG	.17LB/H	
						.51T/YR	
					NOX	94.00LB/H	
						290.00T/YR	
					PB	.52LB/H	
						1.60T/YR	
					PM	.03GR/DSCF AT 12%*	
						61.00T/YR	
					SO2	73.00LB/H	
						220.00T/YR	
					VE	10.00% OPACITY SEE *	
					VOC	3.10LB/H	
						9.60T/YR	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.2 SEWAGE SLUDGE INCINERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CITY OF L.A., HYPERION, *	CA (R)HOR-4-4-9 *		M	GAS TURBINE, 4, DIGESTER GAS*	SO2	20.00PPM DRY BASIS	B*
				THERMAL PROCESSING WASTE HEA*	BE	.00LB/H	B*
					HG	.29LB/H	B*
					SO2	20.00PPM DRY BASIS	B*
						9.20LB/H	B*
ERIANTY SANITATION DISTRI*	CA LA 83-02	360.00T/D SLUDGE	N	COMBUSTOR, FLUIDIZED	SO2	.06LB/MMBTU	

SOURCE TYPE CODE -- 2.3 OTHER SOLID WASTE DISPOSAL

EXCELSIOR SERVICES, INC.	OH 13-1217		N	INCINERATOR, PATHOLOGICAL WA*			
					PM	.58T/YR	
					VE	.00% OPACITY	
DELAWARE SOLID WASTE AUT*	DE 79DE82		N	AIR CLASSIFIER	PM	7.70LB/H	B*
				AIR CLASSIFIER	PM	7.70LB/H	B*
				AIR KNIFE	PM	3.80LB/H	B*
				DRYER	PM	12.80LB/H	B*
				DUST CONTROL SYS	PM	5.20LB/H	B*
				GLASS RECOVERY	PM	6.20LB/H	B*
				SECONDARY AIR CLASSIFER	PM	4.10LB/H	B*
DELAWARE SOLID WASTE II	DE 79DE82 II		M	BOILER	PM	.01LB/H	B*
				BOILER	PM	.02LB/H	B*
				DRYER	PM	.48LB/H	B*
				DRYER	PM	1.04LB/H	B*
				HEATER	PM	.00LB/H	B*
				VENTS, 3	PM	1.60LB/H	B*
LUBBOCK FEEDLOTS, INC.	TX R-4142	2000000.00GAL	N	COLLECTING GAS, 12 EA			
				EMPTYING DIGESTERS, 12 EA			
				LOADING DIGESTERS, 12 EA			

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SOURCE TYPE CODE 2.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 2.3 OTHER SOLID WASTE DISPOSAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
[illegible]	[illegible]	[illegible]	N	STEAM GEN. UNITS, 4, WASTE/F*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*

SOURCE TYPE CODE -- 3.1 NATURAL GAS TURBINES

[illegible]	[illegible]	[illegible]	N	GAS TURBINE	NOX	130.00LB/H 569.00T/YR	
					PM	12.00LB/H 48.20T/YR	
[illegible]	[illegible]		N	I.C. RECIP. ENGINES, GAS-FIR*	NOX	760.00PPMV 15% O2, D*	
[illegible]	[illegible]		N	DUCT BURNER GAS TURBINE	NOX NOX	88.00PPM NO2 AT 3% * 42.00PPM NO2 AT 15%*	
[illegible]	[illegible]		N	TURBINE, SGT-300 & GT-400, 2*	CO NOX VE	66.00LB/H 1194.00LB/H .00% OPACITY	N*
[illegible]	[illegible]	308.00MW	N	TURBINE, GAS FIRED, 4 EA	CO	9.00PPM 17.00LB/H	
[illegible]	[illegible]		N	BOILER, WASTE HEAT TURBINE, GAS	SO2 NOX SO2 VE	.50LB/[illegible]BTU 79.00PPM GAS FIRED 129.00PPM OIL FIRED .50LB/[illegible]BTU 20.00% OPACITY MAX	
[illegible]	[illegible]	73.30MW	N	GEN., GAS TURBINE	CO NOX PM	.12LB/[illegible]BTU .34LB/[illegible]BTU .03LB/[illegible]BTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
NEVADA PWR CO., CLARK ST*	NV (R)NV 80-01	73.50MW	M	GEN., COMBUSTION TURBINE	NOX	.34LB/MMBTU	N*
NORTHERN NATURAL GAS	KS		M	I.C. RECIP. ENGINES, DUAL FU*	CO	15.00LB/H	
					NOX	60.00LB/H	
					VOC	3.90LB/H	
PANHANDLE EAST. PIPELINE*	KS		M	I.C. RECIP. ENGINES, GAS FIR*	NOX	600.00PPMV 15% O2, D*	
PETRO-TEX CHEMICAL CORP.	TX SEE NOTE		N	TURBINE, GAS	CO	15.25LB/H	T*
					NOX	237.90LB/H	N*
					SO2	.70LB/H	
PROCTOR & GAMBLE	CA SAC 83-01	217.00MMBTU/H		BURNER, DUCT	CO	.50LB/H	
					NOX	.15LB/MMBTU	
				TURBINE, GAS	CO	32.00LB/H GAS FIRED	
						22.00LB/H OIL FIRED	
					NOX	75.00PPM AT 15% O2,*	
						62.00PPM AT 15% O2,*	
					SO2	.30% S BY WT	
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X81-01	303.00MHP	M	HEATERS	CO	.01LB/MMBTU	B*
					NOX	.08LB/MMBTU	B*
				TURBINES	CO	1.09LB/MMSCF FUEL	B*
					NOX	150.00PPM	B*
PUGET SOUND POWER & LIGHT	WA PSD-X-82-09	200.00MW	N	GAS TURBINE, 2	CO	185.00LB/H	
						645.00T/YR	
					NOX	460.00LB/H	
						2061.00T/YR	
					PM	2.90LB/H	
						12.50T/YR	
					SO2	640.00LB/H	
						154.00T/YR	
SOUTHERN CALIF. EDISON C*	CA SE 81-01	1290.00MW TOTAL		GAS TURBINE, 20	AS*	2.85LB/H/TURBINE	
					CO	17.00LB/H/TURBINE	
					HG	2.85LB/H/TURBINE	

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SOURCE TYPE CODE 3.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.1 NATURAL GAS TURBINES — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOUTHERN CALIF. EDISON C* (CONTINUED)							
					H2*	.10SULFUR FUEL OIL	
					NOX	44.50PPM	
						140.00LB/H/TURBINE	
					PB	1.80PPM FUEL CONTE*	
					SO2	.10LB/MMBTU	
						71.45LB/H/TURBINE	
SW GAS STORAGE CO., PANH*	KS	3200.00HP	N	ENGINES, NAT. GAS FIRED, 5 I*	NOX	850.00PPM 15% O2 (D)	B*
TEXAS EASTERN TRANSMISSI*	PA 82PA02	18500.00HP	M	GAS TURBINE	NOX	150.00PPM	B*
TOSCO CORP.	CA 5193	88.00MW		TURBINE, GAS, 2 EA	NOX	45.00PPM AT 15% O2	
						75.00LB/H	
UNIVERSITY CO-GENERATION*	CA 4133001	8563.00KW	N	TURBINE, GAS & BOILER, WASTE*	NOX	714.00LB/D	
VULCAN MATERIALS CO.	KS	39.10MW	M	TURBINE, SIMPLE-CYCLE, NAT. *			
WARREN RED. CO.	CA 2023008		N	I.C. ENGINE, NATURAL GAS, 3 *	NOX	69.06LB/D	

SOURCE TYPE CODE -- 3.2 NATURAL GAS COMPRESSORS

ALGONQUIN GAS TRANSMISSI*	CT 026-042CT01	4000.00BRAKE HP	M	ENGINE,TURBINE COMPRESSION	NOX	.01% BY VOL	B*
ANR STORAGE CO.	MI 67-80		N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.00G/HP-H	
CO INTERSTATE GAS, CHEYE*	CO	20.00MHP	M	2 ENGINES	NOX	39.24LB/H	B*
				2 REC ENGINES			
				2 REC ENGINES			
				2 REC ENGINES	NOX	68.00LB/H	B*
				2 REC ENGINES	NOX	158.60LB/H	B*

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CO INTERSTATE GAS, DEERT*	CO	20.00MHP	N	ENGINE			
				GEN. ENGINE	NOX	79.30LB/H	B*
				HEATER	NOX	10.20LB/H	B*
				2 ENGINES	NOX	.76LB/H	B*
					NOX	211.40LB/H	B*
CO INTERSTATE GAS, FLANK	CO	66.00MHP	M	H3 GLYCO REBOIL	NOX	8610.00SCFH	B*
				6 REC NG ENGS	NOX	83.10LB/H	B*
CO INTERSTATE GAS, KIT C*	CO	44.00MHP	M	ENGINE, OPR			
				3 ENGINES	NOX	8.90LB/H	B*
					NOX	211.40LB/H	B*
CO INTERSTATE GAS, TOTEM*	CO	34.00MHP	N	GENERATOR			
				2 HEATERS	NOX	8.90LB/H	B*
				4 ENGINES	NOX	2.52LB/H	B*
				6 ENGINES	NOX	53.16LB/H	B*
				6 ENGINES	NOX	216.60LB/H	B*
CO INTERSTATE GAS, WATKI*	CO	60.00MHP	M	ENGINE			
				4 ENGINES	NOX	17.84LB/H	B*
				5 ENGINES	NOX	142.72LB/H	B*
					NOX	396.50LB/H	B*
CONSOLIDATED GAS SUPPLY *	WV 81WV01	1600.00HP 2 EA	M	I.C. ENGINE	NOX	7.33G/SEC	B*
EL PASO NATURAL GAS CO.,*	NM NM-428		N	ENGINE, I.C. COMPRESSOR	NOX	2.45G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.45G/HP-H	

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ENSERCH EXPLORATION CO.	TX X-4051		N	WHITE SUPERIOR 8G825	CO	5.50T/YR	
					NOX	7.70T/YR	
					VOC	.70T/YR	
GETTY OIL CO.	TX X3878		N	SUPERIOR 126TA 'CLEAN BURN' *	CO	115.80T/YR	
					NOX	77.20T/YR	
					VOC	8.40T/YR	
LIQUID ENERGY CORP.	TX 9153	200.00MMSCFD	N	MEP-8 RECIPROCATING ENGINE C*	NOX	4.00G/HP-H	
				TURBINE ENGINE COMPRESSOR, 2*	NOX	1.75G/HP-H	
LLANO, INC.	NM NM-477		N	ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	2.20G/HP-H	
MICHIGAN WISCONSIN PIPE *	MI 660-80	4000.00HP 2 EA	N	COMPRESSOR, NAT. GAS, 2 EA	NOX	12.30G/HP-H	
PANHANDLE EAST. PIPELINE*	KS	1669.00HP	M	I.C. RECIP. ENGINE, UNIT#3	NOX	700.00PPM 15% O2 (D)	B*
PANHANDLE EAST. PIPELINE*	CO	18.00MHP		REC COMP ENG			
					NOX	5.50G/HP-H	B*
PANHANDLE EAST., FT. LUP*	CO	13746.00HP		REC COMP ENG, 3	NOX	55.00LB/H EA	B*
PHILLIPS PETROLEUM CO.	TX X-3903		N	SUPERIOR 8G825	CO	62.10T/YR	
					NOX	62.10T/YR	
					VOC	5.40T/YR	
				WAUKESHA 6LRZB-9	CO	23.40T/YR	
					NOX	23.40T/YR	
					VOC	4.50T/YR	
SANTA FE ENERGY	CA 0951		M	COMPRESSOR, NATURAL GAS	NOX	150.00PPM	
SOUTHERN NAT. GAS	AL (R)PSD-AL-055	2000.00HP EA	M	VERT COMPRESSOR ENGINES, 3 EA	NOX	16.50GM/HP-H	B*

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOUTHERN NAT. GAS	AL PSD-AL-074	4000.00HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H	
SOUTHERN NAT. GAS	AL (R)PSD-AL-075	5000.00BRAKE HP	M	VERTICAL COMPRESSOR ENGINE	NOX	15.00G/HP-H	B*
TENNESSEE GAS PIPELINE C*	PA 27-399-001	15500.00HP	M	GAS COMPRESSOR			
TRANSCONTINENTAL GAS PIP*	LA PSD-LA-506	2250.00HP		ENGINE, RECIPROCATING COMPRE*	NOX	29.70LB/H	
TRANSWESTERN PIPELINE CO*	NM NM-274-M-2		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-274-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-464		N	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-399-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-411-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-412-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-413-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-414-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	4.00G/HP-H	
TRANSWESTERN PIPELINE CO*	NM NM-415-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
TRANSWSTERN PIPELINE CO.*	NM NM-387-M-1		M	ENGINE, I.C. COMPRESSOR	NOX	5.00G/HP-H	
VALERO TRANSMISSION CO.	TX X-3603	3000.00HP	N	GAS COMPRESSORS, 3	CO NOX VOC	64.40T/YR 34.80T/YR .70T/YR	
WESTAR TRANSMISSION CO.	TX X-3990		N	SUPERIOR 8GTLA	CO NOX VOC	21.20T/YR 21.20T/YR 7.90T/YR	

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SOURCE TYPE CODE 3.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.2 NATURAL GAS COMPRESSORS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS

SOURCE TYPE CODE -- 3.3 OTHER INTERNAL COMBUSTION

ARGO PETROLEUM, FERNDALE*	CA 0380		M	I.C. ENGINE, NATURAL GAS	NOX	50.00PPM	
CAJUN ELECT. POWER COOP.	LA (R)PSD-LA-062	540.00MW	N	TURBINE, COAL FIRED			
CITY OF AUGUSTA	KS	6000.00KW	M	DUAL FUEL ENGINE, GEN. UNIT *	NOX	1150.00PPM 15% O2 (D)	T*
CITY OF KINGMAN	KS	18611.00HP	M	IC ENGINE, DUAL FUEL, UNIT 8	NOX	1150.00PPMV, 15% O2, *	B*
CITY OF OTTAWA	KS	16624.00HP (TOTAL*	M	RECIP. ENGINES, 2 DUEL-FUEL *	NOX	1150.00PPM 15% O2 (D)	B*
EMPIRE DIST. ELECT. CO.	MO	90.00MW	M	COMBUSTION TURBINE, SIMPLE-C*	CO	56.00LB/H	B*
						21.00PPMV	B*
					NOX	230.00PPMV, 15% O2, *	B*
FLORIDA POWER	FL FL 017	252.00MW	N	TURBINE PEAKING UNITS, 4 EA	CO	86.00LB/H	B*
						64.00T/YR	B*
					NOX	250.00LB/H	N*
						187.00T/YR	N*
					SO2	379.00LB/H EA	B*
						284.00T/YR	B*
GENERAL MOTORS CORP., PR*	MI 27-84		N	DYNAMOMETER, CAR/TRUCK TESTI*	VE	20.00% OPACITY	
GULF STATES UTILITY	LA (R)PSD-LA-294	100.00MW	M	TURBINE	CO	.16LB/MMBTU OIL	B*
						.09LB/MMBTU GAS	B*
					NOX	.26LB/MMBTU OIL	N*
						.25LB/MMBTU GAS	N*
					PM	.09LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
					SO2	.35LB/MMBTU OIL	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.00LB/MMBTU GAS	N*
GULF STATES UTILITY	LA (R)PSD-LA-292	2672.00MMBTU/H	M	COMBUSTION TURBINE(2)	CO	125.00LB/H	B*
						.09LB/MMBTU GAS	B*
					CO	216.00LB/H	B*
						.16LB/MMBTU OIL	B*
					NOX	334.00LB/H	N*
						.25LB/MMBTU GAS	N*
					NOX	362.00LB/H	N*
						.27LB/MMBTU OIL	N*
					PM	1.00LB/H	B*
						.00LB/MMBTU GAS	B*
					PM	33.00LB/H	B*
						.03LB/MMBTU OIL	B*
					SO2	5.50LB/H	N*
						.00LB/MMBTU GAS	N*
					SO2	296.00LB/H	N*
						.22LB/MMBTU OIL	N*
HOFFMANN-LAROCHE, INC.	NJ	23.30MKW	M	DIESEL ENGINE, W/WASTE HEAT *	NOX	2272.00T/YR	N*
KILN-GAS R & D INC.	IL 82 07 0021		N	TURBINE, COAL GAS FIRED	CO	290.00LB/H	
					NOX	75.00PPM	N*
					SO2	150.00PPM	N*
MUNICIPAL GENERATING PLA*	KS		M	ENGINE-GENERATOR			
					NOX	1150.00PPMV 15% O2, D*	
NEVADA PWR CO./REID GARD*	NV (R)NV 79-03	250.00MW	M	GENERATOR	NOX	.50LB/MMBTU SB. C*	
						.60LB/MMBTU BIT. *	
					PM	.03LB/MMBTU	
					SO2	.29LB/MMBTU	
ORGANIC FUEL PRODUCTION,*	TX X-4141	4.20MMCF/YR	N	DIGESTERS, 7	NOX	.21T/YR	
					PM	.01T/YR	
					SO2	.00T/YR	

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SOURCE TYPE CODE 3.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 3.3 OTHER INTERNAL COMBUSTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PRUDHOE BAY CONSORTIUM	AK (R)PSD-X81-13	160.00MHP	M	GAS HEATERS	CO	.02LB/MMBTU	
					NOX	.08LB/MMBTU	B*
				GAS TURBINE, 10	CO	109.00LB/MMSCF FUEL	B*
					NOX	150.00PPM	B*
SEA WORLD, INC.	CA 7801		N	I.C. PISTON ENGINE	CO	1.50LB/MMBTU SEE N*	
SEA WORLD, INC.	CA 8134		N	I.C. PISTON ENGINE	CO	.23LB/MMBTU	
SEA WORLD, INC.	CA 7801		N	I.C. PISTON ENGINE	NOX	1.80LB/MMBTU SEE N*	
SEA WORLD, INC.	CA 8134		N	I.C. PISTON ENGINE	NOX	.25LB/MMBTU	
SEBRING UTILITIES COMMIS*	FL (R)PSD-FL-071	40.00MW	N	DIESEL ENGINES	CO	.58LB/MMBTU	N*
					NOX	819.00PPMV	N*
					PM	.10LB/MMBTU	B*
					SO2	2.67LB/MMBTU	B*
					VOC	.26LB/MMBTU	N*
SHELL OIL CO.	TX (R)PSD-TX-360	27.50MMCFD	M	I.C. ENGINES, RECIPROCATING *	NOX	10.00G/HP-H	B*
TRENTON DISTRICT ENERGY *	NJ	12000.00KW	N	DIESEL ENGINES, W/2 SUP. FIR*	NOX	1869.00T/YR	D*
					PM	71.00T/YR	
					SO2	482.00T/YR	S*

SOURCE TYPE CODE -- 4.1 SURFACE COATING - CANS/COILS

BALL METAL CONTAINER GRO*	OH 03-1025		M	EXTERIOR BASE OPERATION	VOC	.36KG/L COATING S*	N*
				INTERNAL COAT	VOC	.54LB/GAL COATING*	B*
CONTINENTAL CAN CO., USA*	OH 0857101741		N	END SEAM COMPOUND	VOC	3.09LB/GAL COMPOUN*	T*
						38.16T/YR	T*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.1 SURFACE COATING - CANS/COILS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
EVANS COOPERAGE CO., INC.	OK T82-31		N	HAND SPRAY DRUM PAINTING	VOC 15.68LB/H	
MILLER BREWING CO.	GA 3411-035-6906-C	600.00MM CANS/YR	N	BASE COATING	VOC 1.85LB/GAL COATING*	
				END SEALING COMPOUND	VOC 3.70LB/GAL COATING*	
				INTERIOR BODY SPRAYING	VOC 3.99LB/GAL COATING*	
				OVERVARNISH	VOC 2.33LB/GAL COATING*	
NATIONAL CAN CORP.	IL C 7906091		N	COATER & OVENS	VOC 209.60T/YR	L*
PREFINISH METALS	OH 03-746		N	2 COIL COATERS & OVENS	VOC 37.00LB/H	
STROH CONTAINER	OH 03-807		N	BASE, BOTTOM, AND INTERNAL C*	VOC 40.00T/YR	

SOURCE TYPE CODE -- 4.2 SURFACE COATING - PAPERS/FABRICS

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ALLIED PRINTERS & PUBLIS*	OK T80-74		M	WEB OFFSET PRINTING PRESS	VOC .71LB/H	
AVERY INTERNAT	OH 0243110957		N	VINYL AND PAPER COATING LINE	VOC 2.60LB/GAL COAT. A*	L*
					132.80T/YR	L*
DIETZGEN CORP.	IL C8006034		N	ROLLER COATER LINE	VOC .60LB/GAL COATING	L*
FRYE COPY SYS, INC	IN PC(20)1480	240.00LB/H	N	PAPER COATING LINE	VOC 25.00T/YR	
GAZETTE PRESS PRINTING	CA 28925		N	DRYING OVENS	VOC 9.00LB/D	
H.S. CROCKER CO. PRINTING	CA 28709		N	PRINTING PRESS, 64 INCH	VOC 415.00LB/D	
INLAND, DIVISION OF G.M.*	OH 0857170125 K001		M	LEMBO GRAVURE VINYL COATER	VOC 83.84LB/H	T*
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		N	BOILERS, NAT. GAS, 3 EA	SO2 152.88T/YR	B*
				PAPER PRINTING	VOC 46.94T/YR	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.2 SURFACE COATING - PAPERS/FABRICS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ITEN FIBRE CO.	OH 0204010112		N	RESIN COATING LINE	VOC 2.90LB/GAL COAT. A*	L*
					516.00T/YR	L*
MURRAY RUBBER, (MEAD COM*	TX 9040	450.00LB/H	N	FABRIC COATER	VOC 27.00LB/H	
NDM CORP.	OH 0857101457 K001		N	PAPER COATING	VOC 19.00LB/H	
					11.40T/YR	
STECHER-TRAUNG-SCHMIDT	CA 28246		N	OVEN, VARNISHER DRYING	VOC 67.00LB/D	B*
SOURCE TYPE CODE -- 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS						
CHEVROLET - FLINT MANUFA*	MI 95-84		N	SPRAY BOOTH, REINFORCEMENT	VOC 78.50LB/H SEE NOTE	L*
					108.00T/YR SEE NOTE	L*
				SPRAY BOOTH, SOUND DEADENER	VOC 78.50LB/H SEE NOTE	L*
					108.00T/YR SEE NOTE	L*
CHRYSLER CORP.	MI C-5366 THRU C-*	75.00CARS/H	M	COLOR FLASH-OFF BOOTH	VOC 25.20LB/GAL APPL. S*	L*
				COLOR SPRAY BOOTH		
				DOUBLE-WIDTH OVEN	VOC 12.90LB/GAL APPL. S*	
				TACK-OFF BOOTH		
FMC CORP. - SAN JOSE ORD*	CA 28310		N	PAINT SPRAY BOOTH	VOC 190.00LB/D	
FORD MOTOR CO.	MI 447-454/79 + 4*		N	COMPOUND MACHINES, DIRECTION*	VOC .74LB/H	L*
					VOC 9.07LB/H	L*
				ELECTROSTATIC PAINT SYS.	VOC 457.50LB/H	L*
GM WORLD WIDE TRUCK DIV	OH 08-215	60.00TRUCKS/H	N	ANTI-CORROSION	VOC 4.30LB/GAL COATING*	L*
				CHASSIS BLACK	VOC 3.50LB/GAL VOC MIN*	
				ELPO PRIME	VOC 1.20LB/GAL COATING*	L*
				FINAL REPAIR	VOC 4.80LB/GAL VOC MIN*	
				MAST JACKET	VOC 6.30LB/GAL VOC MIN*	

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SOURCE TYPE CODE 4.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.3 SURFACE COATING - AUTO./LIGHT DUTY TRUCKS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PLASTISOL/ANTI-CHIP	VOC	3.50LB/GAL COATING*	L*
				PRIMER SURFACER	VOC	2.88LB/GAL COATING*	L*
						15.84LB/GAL VOC SOL*	L*
				TOP COAT	VOC	3.60LB/GAL COATING*	L*
						15.05LB/GAL VOC SOL*	L*
				WHEEL PAINT	VOC	3.70LB/GAL VOC MIN*	
VOLKSWAGEN OF AM	MI 250-80 TO 273-*		N	PAINTING OPERATIONS			
SOURCE TYPE CODE -- 4.4 SURFACE COATING - METAL FURNITURE							
KINCAID FURNITURE CO., I*	NC 5276		M	BOILER, WOODWASTE, 2 FINISHING OPERATION			
STEELCASE, INC.	MI 51-80		N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
				COAL & ASH HANDLING SYS.	PM	.03GR/DSCF	
SOURCE TYPE CODE -- 4.5 SURFACE COATING - MAGNET WIRE							
PHELPS DODGE, MAGNET WIR*	KY C-75-16		M	OVENS, FINE WIRE, 10	VOC	4.55LB/H	
						19.11T/YR	
				OVENS, 1 HEAVY & 1 MEDIAN WI*	VOC	13.96LB/H	
						58.60T/YR	
				OVENS, 4	VOC	40.80LB/H	
						675.49T/YR	
				OVENS, 6 HEAVY & 1 FINE WIRE	VOC	31.30LB/H	B*
						85.90T/YR	B*

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SOURCE TYPE CODE 4.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.5 SURFACE COATING - MAGNET WIRE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				OVEN, 1 FINE WIRE	VOC	.46LB/H 1.91T/YR	
SOURCE TYPE CODE -- 4.6 SURFACE COATING - LARGE APPLIANCES							
SANYO E&E CORP.	CA 07037		M	COATING LINE	VOC	275.00G/LITER OF COA*	B*
SOURCE TYPE CODE -- 4.7 SURFACE COATING - MISC. METAL PARTS/PRODUCTS							
ALENCO DIVISION OF REDMA*	TX C-8696		N	PAINTING EXTRUSIONS	VOC	65.10LB/H	
AMERICAN METAL DECORATIN*	CA 27361		N	COATING LINE	VOC	250.00LB/D	
MARK IND.	TX X3697		N	SPRAY BOOTHS, 2	VOC	7.64T/YR	
SQUARE D CO.	OH 18-184	9.00GAL/H		PAINT TANK, EDP	VOC	2.40LB/GAL COATING* 1.00LB/GAL	
				SPRAY BOOTH, TOUCH-UP PAINT	VOC	2.40LB/GAL COATING* 1.14LB/GAL	
TIFTON ALUMINUM CO.	LA PSD-LA-514		N	OVEN, BAKE	VOC	75.60LB/H	B*
				OVEN, FLASH-OFF	VOC	17.40LB/H	B*
				PAINTING, AUTOMATIC BOOTH, 4*	VOC	20.10LB/H	B*
				PAINTING, TOUCH-UP BOOTH, 2 *	VOC	.90LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.8 SURFACE COATING - FLATWOOD PANELING

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ABITIBI-PRICE CORP.	OH 04-204	63300.00SQFT/H	N	FLATWOOD PANELING	VOC 2.40LB/MSQFT CLASS* 5.33LB/MSQFT CLASS*	

SOURCE TYPE CODE -- 4.9 SOLVENT DEGREASING

ALLOYTEK	MI 258-83A	N	VAPOR DEGREASER	VOC	8.00LB/H	
BRIGGS & STRATTON CORP.	WI MAN-10-GEB-81-*	N	DEGREASERS			
REGAL INTERNATIONAL, INC.	TX X-3641	N	PAINT SPRAYING	VOC	4.00T/YR	
			VAPOR DEGREASING	VOC	1.15T/YR	

SOURCE TYPE CODE -- 4.12 GRAPHIC ARTS

BEMIS CARPHANE FILMS	WI MAN-10-EYE-81-*	N	SARAN COATERS, 2 EA	VOC	.32KG/L	L*
					2.67LB/GAL	L*
BEMIS CO.	WI MAN-03-80-71-1*	N	EXTRUSION COATER #9	VOC	.09KG/L	L*
					1.56LB/GAL	L*
			FLEXOGRAPHIC PRINTING PRESS *	VOC	85.00% REDUCTION	L*
			LAMINATOR #16	VOC	.17KG/L	L*
					1.43LB/GAL	L*
BEMIS SPECIALTY FILMS	WI MAN-10-EYE-81-*	N	COATER #10	VOC	.03KG/L COATING	L*
					.25LB/GAL	L*
			COATER #11	VOC	.21KG/L	L*
					1.77LB/GAL	L*
			FLEXOPRESS COATER #2	VOC	18.00% VOC VOL. IN *	L*
			LAMINATOR #17	VOC	.04KG/L COATING	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.12 GRAPHIC ARTS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.33LB/GAL	L*
BROWN PRINTING	KY C-80-95	102.00GAL INK/H	N	ROTOGRAVURE PRINTING PRESS	VOC	102.00GAL/H INK	L*
COLUMBUS COATED FABRICS	OH 01-415		M	INTA-ROTO HL-41 PRINTER	VOC	4.80LB/GAL VINYL	B*
						2.90LB/GAL INK	B*
CONTAINER CORP. OF AM	IN PC(18)1477	360.00T/YR	N	ROTOGRAVURE PRINT PRESS	VOC	36.00T/YR	
CPS INDUSTRIES	TN (R)PSD-TN-069	1073.30LB/H	N	CERUTTI & HELIX PRESSES, 5	VOC	128.11LB/H	L*
DIVERSIFIED PRINTING	TN PSD-TN-069	2400.00T/YR	N	PRINTING	VOC	2400.00T/YR	L*
R. J. R. ARCHER,INC.	NC 00466-0005-P	2000.00FT/MIN	M	ROTOGRAVURE PRESS	VOC	341.00LB/H	
R.R. DONNELLEY & SONS CO.	IL EPA-5-A-80-17	3368.00T/YR EA	N	ROTOGRAVURE PRESSES, 2 EA	VOC	212.00T/YR	B*
SOUTHWEST COLOR PRINTING*	TX C-9131	5860.00LB/H	N	OFFSET PRINTERS, 2	NOX	3.50T/YR SEE NOTE	
					VOC	204.00T/YR SEE NOTE	
UNITED COLOR PRESS	OH 18-176	32.00LB/H INK		OVEN & PRESS, TITAN	VOC	90.00% CONTROL	T*
WORLD COLOR PRESS	IL C 80 10 0006		N	OFFSET PRESSES	VOC	251.00T/YR	B*
				ROTOGRAVURE PRESSES	VOC	336.00T/YR	B*
W.F. HALL PRINTING CO.	GA 2754-036-8480	120.00MMBTU/H	N	BOILERS, 2	PM	.10LB/MMBTU	N*
					SO2	246.00LB/H	N*
				CARBON BED ADSORPTION UNIT		.80LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					VOC	39.00LB/H	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 4.14 OTHER ORGANIC EVAPORATION LOSS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BROYHILL FURNITURE	NC NC-035	300.00GAL TOPCO*	N	SPRAY BOOTHS	VOC 688.00T/YR	B*
FLUORESCENT EQUIPMENT & *	OH 13-1133		N	COATING LINE, LIGHT FIXTURES	VOC .25T/YR	
GUARDIAN INDUSTRIES CORP.	TX X-4293		N	COATING APPLICATOR		
MEREDITH CORP.	IA		M	FLEXOGRAPHIC PRINTER ROTOGRAVURE PRINTING PRESS	VOC 16.00% VOL SOLVENT *	
MR. SPA, INC.	CA 1240-1		N	FIBERGLASS-POLYESTER RESIN A*	VOC 120.00LB/D	
PPG INDUSTRIES, INC.	OH 13/18/00/0101,*		N	ENTIRE PLANT, SEE NOTE #2 FUGITIVE EMISSIONS	PM 898.00T/YR	
ROCKWELL INTERNATIONAL	OK T80-43		N	BOND PRIME, PRIME & ENAMEL C*	VOC 18.40T/YR UNCONT.,N* 3.40T/YR CONT.,NOT*	
				CHEM MASKANT ON ACFT SKINS	VOC 202.00T/YR UNCONT.,N*	
SOLVENT RESOURCE RECOVERY	OH 0857751346 P004		N	DISTILLATION UNIT	VOC 1.27LB/D .16T/YR	
U.S. AVIEX CO.	MI 260-83		N	CONTAMINATED GROUND WATER CL*	CA* 5.34MG/CU METER CH* .09MG/CU METER TR* 2.67MG/CU METER VOC 28.47MG/CU METER 1,* 16.91MG/CU METER	

SOURCE TYPE CODE -- 5.1 PETROLEUM_REFINING - SEPARATION

ARCO PETROLEUM PROD. CO.	CA (R)LA-78-17	450.00MMBTU/H	M	DISTIL. UNIT, REPLACEMENT CR*	SO2 800.00PPM S REFIN. G* .25% S FUEL OIL	
GULF STATES OIL & REFINI*	TX 8452		N	FUGITIVE EMISSIONS	VOC 3.10T/YR	B*

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SOURCE TYPE CODE 5.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.1 PETROLEUM REFINING - SEPARATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HEATERS, 4	NOX	19.50T/YR	A*
					SO2	32.90T/YR	B*
				VAC. COLUMN EJECTOR			
THE DOW CHEMICAL CO.	TX (R)PSD-TX-405	400.00MMBTU/H		2 VACUUM DISTALL. UNITS, GAS	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*

SOURCE TYPE CODE -- 5.2 PETROLEUM REFINING - CONVERSION

ASHLAND OIL, INC.	KY C-82-127 SEE N*	55000.00BBL/D	M	CRACKER, REDUCED CRUDE W/2 F*	CO	300.00PPM	B*
						2234.00T/YR	B*
					NOX	.20LB/MMBTU	B*
						713.00T/YR	B*
					PM	68.00LB/H	L*
						298.00T/YR	L*
					SO2	250.00PPM	L*
						4260.00T/YR	L*
					VOC	65.00T/YR	L*
CHAMPLIN PETROLEUM CO.	CA LA-79-05		M	ALKYLATION UNIT, HYDROFLUORI*	SO2	230.00MG/DSCM H2S	
						.10GR/DSCF	
				CATALYTIC POLYMERIZATION UNIT	SO2	230.00MG/DSCM H2S	
						.10GR/DSCF	
				FCC UNIT	SO2	84.00LB/H 2H AV	
						56.00LB/H 24H AV	
CHAMPLIN PETROLEUM CO.	TX (R)PSD-TX-408	22.50MBBL/D	M	COKER HEATER	NOX	.18LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, KEROSENE HYDROTREATE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, KEROSENE HYDROTREATE*	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				HEATER, MIXED DIST. HYDROTRE*	NOX	.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.2 PETROLEUM REFINING - CONVERSION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.03LB/1?IBTU	N*
CHEVRON	CA 27803	6100.00BBL/D	M	FCC	PM	10.00LB/H 240.00LB/D	
EXXON CO., USA/BAYWAY RE*	NJ	45.00MBPSD		FUGITIVE EMISSIONS	VOC	203.00T/YR	L*
				HYDROFINER POWER FORMER	SO2	4416.60T/YR	B*
					VOC	2.50T/YR	L*
				PROCESS HEATER	NOX	1663.00T/YR	B*
					SO2	195.40T/YR	B*
					VOC	5.10T/YR	L*
				TANKAGE	VOC	4.10T/YR	L*
TEXAS OLEFINS CO.	TX 9348	1480.00BPSD	N	POLYMERIZATION UNIT	CO	1.26T/YR	B*
					NOX	8.47T/YR	B*
					PM	.35T/YR	
					VOC	54.82T/YR	B*
UNITED REFINING CO.	PA 78PA14	20000.00MBBL/D	M	CLAUS PLANT			
				FCC UNIT	SO2	350.00LB/H	B*
				REBOILER	SO2	24.00LB/H	N*
				REFORMER HEATER	SO2	65.00LB/H	B*

SOURCE TYPE CODE -- 5.3 PETROLEUM REFINING - TREATING

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ENDEVCO, INC.	AR AR-240M-1		N	DIETHANOLAMINE RECONCENTRATOR	SO2	.10LB/H	B*
				INCIN.	SO2	460.00LB/H	B*
				TRIETHYLENE GLYCOL	SO2	.10LB/H	B*
OIL INTERNATIONAL LTD	MT	2.00MMSCFD		INCINERATOR	SO2	57.00LB/H 249.00T/YR	B* B*
PACIFIC REFINING CORP.	CA 29180		M	FUEL HANDLING, REFINERY FUEL*	SO2	50.00PPM H2S IN FUE*	B*

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SOURCE TYPE CODE 5.3

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.3 PETROLEUM REFINING - TREATING

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				FURNACE, REFORMING	NOX	20.00PPM AT 3% O2	B*
TOSCO CORP.	CA 27769	5.00HP	N	CENTRIFUGAL PUMPS	VOC	500.00PPM	

SOURCE TYPE CODE -- 5.4 PETROLEUM REFINING - FEEDSTOCK

AMOCO OIL CO.	IN PC (45) 1479	10.80MMGAL	N	STORAGE TANKS, GASOLINE			
ARCO PIPELINE CO.	PA 79PA24		M	STORAGE TANKS NOS. 11, 14	VOC	1.61LB/H	B*
				STORAGE TANKS NOS. 2, 13, 15	VOC	1.65LB/H	B*
				STORAGE TANKS NOS. 4, 12	VOC	2.16LB/H	B*
				STORAGE TANKS NOS. 9, 10	VOC	1.32LB/H	B*
				STORAGE TANKS NO. 1	VOC	.27LB/H	B*
VENTECH REFIN.	LA (R)PSD-LA-278A		M	BARGE LOAD/UNLOAD	VOC	3.02LB/H	B*
				TANK	VOC	.35LB/H	B*
				TANKS, 2EA	VOC	.87LB/H	B*
				TANKS, 6EA	VOC	.02LB/H	B*

SOURCE TYPE CODE -- 5.5 PETROLEUM REFINING - AUXILIARY

ALLIED MATERIALS CORP.	OK (R)PSD-OK-344		M	WASTE INCINERATOR/HEAT RECOV*	SO2	4.43LB/MMBTU	B*
AMERICAN PETROFINA CO. O*	TX SEE NOTE		M	COMBUSTION UNITS	NOX	.12LB/MMBTU GAS .30LB/MGAL LIQUID	
				NEW & EXISTING SRU'S	SO2	250.00PPM	N*
AMOCO	TX (R)PSD-TX-402	130.00MBPSD	M	HEATERS, 12 EA	NOX	.12LB/MMBTU	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.03LB/MMBTU	N*
				HYDROTREATER FLARES, 2	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
				SRU FLARE	NOX	.12LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				SULFUR RECOVERY UNIT	NOX	13.00LB/H	B*
					SO2	250.00PPM	N*
AMOCO TEXAS REFINING CO.	TX TX-101	50000.00BPSD	M	FURNACE, EXISTING HOT OIL	NOX	47.90LB/H	B*
				FURNACE, EXISTING PREHEAT	NOX	56.20LB/H	B*
				FURNACE, EXISTING REHEAT	NOX	63.20LB/H	B*
				FURNACE, EXISTING REHEAT	NOX	76.50LB/H	B*
				FURNACE, NEW DESULFURIZING	NOX	21.20LB/H	B*
CALCASIEU REFIN.	LA (R)PSD-LA-293		M	HEATERS, 3 EA	NOX	.11LB/MMBTU	B*
				INCIN.	NOX	.10LB/MMBTU	B*
CAROLINA REFINING & DIST	GA GA 063	30000.00BPSD	M	PROCESS HEATERS	NOX	518.10T/YR	B*
					VOC	3326.20T/YR	B*
CHAMPLIN PETROLEUM CO.	TX TX-337		M	BOILERS, 3 (FUEL GAS ONLY)	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
				EMERGENCY FLARE	NOX	.10LB/H	B*
					SO2	.10LB/H	B*
				HEATER, HYDROTREATER CHARGE	NOX	5.70LB/H REFIN. GAS	B*
						.12LB/MMBTU REFIN*	B*
					NOX	8.20LB/H G/O	B*
						.17LB/MMBTU G/O	B*
					SO2	1.20LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	33.00LB/H G/O	N*
						.76LB/MMBTU G/O	N*
				HEATER, PLATFORM AROMATIC	NOX	2.40LB/H REFIN. GAS	B*
						.12LB/MMBTU REFIN*	B*
					NOX	3.50LB/H G/O	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION		EMISSION LIMITATIONS	& BASIS
						.17LB/MMBTU G/O	B*
					SO2	.50LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	13.80LB/H G/O	N*
						.76LB/MMBTU G/O	N*
				HEATER, PLATFORMER DEPENTANI*	NOX	3.00LB/H REFIN. GAS	
						.12LB/MMBTU REFIN*	
					NOX	4.40LB/H G/O	B*
						.17LB/MMBTU G/O	B*
					SO2	.60LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	17.50LB/H G/O	N*
						.76LB/MMBTU G/O	N*
				PLATFORM CHARGE HEATERS, 3	NOX	47.00LB/H REFIN. GAS	B*
						.12LB/MMBTU REFIN*	B*
					NOX	67.30LB/H G/O	B*
						.17LB/MMBTU G/O	B*
					SO2	9.90LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	112.70LB/H G/O	N*
						.76LB/MMBTU G/O	N*
				REBOILER, HYDROTREATER STRIP*	NOX	3.80LB/H REFIN. GAS	B*
						.12LB/MMBTU REFIN*	B*
					NOX	5.40LB/H G/O	B*
						.17LB/MMBTU G/O	B*
					SO2	.80LB/H REFIN. GAS	N*
						.03LB/MMBTU REFIN*	N*
					SO2	2.20LB/H G/O	N*
						.76LB/MMBTU G/O	N*
CHEVRON USA REF.	MS MS 024	7000.00GPCD	M	PROCESS EQUIPMENT	NOX	125.00PPM GAS	B*
					SO2	.10GR/DSCF	N*
CHEVRON USA, INC.	CA 27797		N	FURNACE #1	NOX	40.00PPM NO2 AT 3% *	
				FURNACE #10	NOX	40.00PPM NO2 AT 3% *	
				FURNACE #2	NOX	40.00PPM NO2 AT 3% *	
				FURNACE #3	NOX	40.00PPM NO2 AT 3% *	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CHEVRON USA, INC.	(CONTINUED)					
				FURNACE #5	NOX 40.00PPM NO2 AT 3% *	
				FURNACE #6	NOX 40.00PPM NO2 AT 3% *	
				FURNACE #7	NOX 40.00PPM NO2 AT 3% *	
				FURNACE #8	NOX 40.00PPM NO2 AT 3% *	
				FURNACE #9	NOX 40.00PPM NO2 AT 3% *	
				FURNACE 4	NOX 40.00PPM NO2 AT 3% *	
CITIES SERVICE CO.	LA		M	A REFORMER FURNACE, B-102 - *	NOX 34.50LB/H	B*
					.04LB/MMBTU	B*
					VOC .90LB/H	B*
					.01MMBTU/H	B*
				A REFORMER FURNACE, B-201	NOX 14.20LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				A REFORMER FURNACE, B-202	NOX 11.60LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-401	NOX 13.20LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-402	NOX 12.20LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-403,40*	NOX 50.80LB/H	B*
					.22LB/MMBTU	B*
					VOC 2.30LB/H	B*
					.00LB/MMBTU	B*
				B REFORMER FURNACE, B-406	NOX 12.60LB/H	B*
					.00LB/MMBTU	B*
					VOC .20LB/H	B*
					.00LB/MMBTU	B*
				C REFORMER, REGEN. VENT		

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SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COKER FURNACES, B-201	NOX	18.00LB/H	B*
						.22LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
				COKER FURNACE, B-101	NOX	23.70LB/H	B*
						.00LB/MMBTU	B*
					VOC	.30LB/H	B*
						.00LB/MMBTU	B*
				COMPLEX COOLING TOWERS	VOC	234.40LB/H	B*
				POWER HOUSE BOILER, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				POWER HOUSE BOILER, B-3, B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				REFINERY, MSC. SOURCES	VOC	291.00LB/H	B*
				REFORMER FURNACE, B-501,502,*	NOX	.00LB/MMBTU	B*
						37.60LB/H	B*
					VOC	.00LB/MMBTU	B*
						.60LB/H	B*
				REFORMER FURNACE, B-503,504,*	NOX	.19LB/MMBTU	B*
						101.70LB/H	B*
					VOC	.00LB/MMBTU	B*
						1.50LB/H	B*
				TANKAGE	VOC	581.70LB/H	B*
				TOPPER FURNACE, B-2C	NOX	14.40LB/H	B*
						.22LB/MMBTU	B*
					VOC	.20LB/H	B*
						.00LB/MMBTU	B*
CLARK OIL CO., WOOD RIVE*	IL 81060081		M	PROCESS HEATERS	CO	55.50T/YR	
					NOX	389.30T/YR	
					PM	92.90T/YR	
					SO2	1.00LB/MMBTU	
				STORAGE TANKS	VOC	70.20T/YR	

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CLARK OIL, MT. AIRY REFI*	LA PSD-LA-392		M	RECOVERY UNIT, SULFUR	SO2	50.00LB/H	B*
COASTAL STATES PETROLEUM	TX TX-243	225.00MBPSD	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				GAS OIL HDS HEATER	CO	1.31LB/H	B*
						.02LB/MMBTU	B*
					NOX	8.60LB/H	B*
						.12LB/MMBTU	B*
				HEATER, COKER CHARGE	CO	2.04LB/H	B*
						.02LB/MMBTU	B*
					NOX	13.60LB/H	B*
						.12LB/MMBTU	B*
				HEATER, CRUDE CHARGE	CO	.81LB/H	B*
						.02LB/MMBTU	B*
					NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				HEATER, DIESEL HDS	CO	.16LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.10LB/H	B*
						.12LB/MMBTU	B*
				HEATER, FCCU FEED	CO	1.17LB/H	B*
						.02LB/MMBTU	B*
					NOX	7.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, KEROSENE HDS	CO	.29LB/H	B*
						.02LB/MMBTU	B*
					NOX	2.00LB/H	B*
						.12LB/MMBTU	B*
				HEATER, NAPTHA HDS	CO	.63LB/H	B*
						.02LB/MMBTU	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	4.20LB/H	B*
						.12LB/MMBTU	B*
				HEATER, REFORMER	CO	2.22LB/H	B*
						.02LB/MMBTU	B*
					NOX	14.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, TAIL GAS UNIT	CO	.11LB/H	B*
						.02LB/MMBTU	B*
					NOX	.80LB/H	B*
						.12LB/MMBTU	B*
				HEATER, VACUUM CHARGE	CO	.92LB/H	B*
						.02LB/MMBTU	B*
					NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				INCIN.	CO	.30LB/H	B*
						.02LB/MMBTU	B*
					NOX	2.30LB/H	B*
						.15LB/MMBTU	B*
				REBOILER, CRUDE UNIT	CO	.99LB/H	B*
						.02LB/MMBTU	B*
					NOX	6.60LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, DESIEL HDS	CO	.18LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.20LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, GAS OIL HDS	CO	.65LB/H	B*
						.02LB/MMBTU	B*
					NOX	4.30LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, ISOSTRIPPER	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
					NOX	10.70LB/H	B*
						.12LB/MMBTU	B*
				REBOILER, KEROSENE HDS	CO	.23LB/H	B*
						.02LB/MMBTU	B*
					NOX	1.50LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.12LB/MMBTU	B*
				REGENERATOR, FCCU	CO	103.90LB/H	B*
					NOX	160.00LB/H	B*
CONOCO, INC.	LA (R)PSD-LA-419	12000.00BPSD	M	HEATER, HDS CHARGE	NOX	.12LB/MMBTU	B*
				HEATER, INTERPASS	NOX	.12LB/MMBTU	B*
				HEATER, INTERPASS	NOX	.12LB/MMBTU	B*
				HEATER, REFORMER CHARGE	NOX	.12LB/MMBTU	B*
				REBOILER, DEPROPANIZER	NOX	.12LB/MMBTU	B*
				REBOILER, HDS STRIPPER	NOX	.12LB/MMBTU	B*
CONOCO, INC.	LA (R)PSD-LA-390	100000.00BBL/D	M	COKER HEATERS, 2 DELAYED REG.	NOX	.12LB/MMBTU	B*
				HEATER, CRACKED DISTIL HYDRO*	NOX	.12LB/MMBTU	B*
				HEATER, HEAVY VACUUM GAS OIL*	NOX	.12LB/MMBTU	B*
				INCIN., SULFUR RECOVERY PLANT	NOX	.12LB/MMBTU	B*
CRA,INC.	KS	48000.00BBL/D	M	HEATER, UNIT 40 (RETROFIT)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 41 (BUILT, BUT *	NOX	.15LB/MMBTU	B*
				HEATER, UNIT 42 (RELOCATE)	NOX	.16LB/MMBTU	B*
				HEATER, UNIT 43 (RELOCATE)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 44 (NEW)	NOX	.13LB/MMBTU	B*
				HEATER, UNIT 45 (NEW)	NOX	.13LB/MMBTU	B*
CYPRESS REFINING CO., HI*	LA PSD-LA-504	30000.00BBL/D	M	BOILER, #1-82	NOX	15.32LB/H	B*
					VE	20.00% OPACITY	B*
				BOILER, #2-82	NOX	17.51LB/H	B*
					VE	20.00% OPACITY	B*
DIAMOND SHAMROCK CORP.	TX TX-346	60000.00BBL/D	M	FCCU REGEN STACK, 2	CO	195.00LB/H	B*
					NOX	24.40LB/H	B*
					PM	22.70LB/H	B*
					SO2	931.50LB/H	B*
				PROCESS BOILER, 2	CO	6.81LB/H	B*
					NOX	130.00LB/H	B*
					PM	10.06LB/H	B*
					SO2	103.87LB/H	B*

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SOURCE TYPE CODE 5.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
EXXON CHEMICAL AMERICAS	TX (R)PSD-TX-302		M	HEATERS, NAT. GAS-FIRED, 3 EA	NOX	.23LB/MMBTU	B*
EXXON CO. USA	CA 27599		N	FURNACE, REFINERY PROCESS	NOX	40.00PPM AT 3% O2 207.00LB/D	
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	30000.00BPSD	M	BOILER	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
				CO BOILER COMPLEX	CO	175.50LB/H	N*
					NOX	103.50LB/H	B*
					SO2	48.00LB/H	N*
				FCCU REGENERATOR HEATERS, 4	PM	24.00LB/H	B*
					CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
				SULFUR RECOVERY UNIT	SO2	9.15LB/H	B*
GETTY OIL CO.	CA SJ-81-11	350.00MMBTU/H	M	STEAM GENERATOR, 7	NOX	.15LB/MMBTU PER G*	
GOOD HOPE REFIN., INC.	LA	350000.00BPSD	M	CRUDE HEATER	CO	4.50LB/H	B*
						.01LB/MMBTU	B*
					NOX	38.00LB/H	B*
						.12LB/MMBTU	B*
					PM	3.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.10LB/H	N*
						.02LB/MMBTU	N*
				DEMEX HEATER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.00LB/H	B*
						.12LB/MMBTU	B*
					PM	.30LB/H	B*
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
						.02LB/MMBTU	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GOOD HOPE REFIN., INC.	(CONTINUED)						
				FCCU FURNACE	CO	.60LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	CO	.60LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	NOX	5.40LB/H	B*
						.12LB/MMBTU	B*
				FCCU FURNACE	NOX	4.70LB/H	B*
						.12LB/MMBTU	B*
				FCCU FURNACE	PM	.50LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	PM	.40LB/H	B*
						.01LB/MMBTU	B*
				FCCU FURNACE	SO2	.90LB/H	N*
						.02LB/MMBTU	N*
				FCCU FURNACE	SO2	.70LB/H	N*
						.02LB/MMBTU	N*
				FCCU REGENERATOR	CO	139.60LB/H	N*
					NOX	242.60LB/H	B*
					PM	64.90LB/H	N*
					SO2	761.70LB/H	B*
				REFORMER STABILIZER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.10LB/H	B*
						.12LB/MMBTU	B*
					PM	.30LB/H	B*
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
						.02LB/MMBTU	N*
				STRIPPER REBOILER	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	3.10LB/H	B*
						.12LB/MMBTU	B*
					PM	.30LB/H	B*
						.01LB/MMBTU	B*
					SO2	.50LB/H	N*
						.02LB/MMBTU	N*

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				SULFUR PLANT INCIN.	SO2	12.80LB/H	N*
				VACUUM COLUMN FURNACE	CO	3.50LB/H	B*
						.01LB/MMBTU	B*
					NOX	29.30LB/H	B*
						.12LB/MMBTU	B*
					PM	2.60LB/H	B*
						.01LB/MMBTU	B*
					SO2	4.70LB/H	N*
						.02LB/MMBTU	N*
				VISEBREAKING FURNACE, 3 EA	CO	.60LB/H	B*
						.01LB/MMBTU	B*
					NOX	4.80LB/H	B*
						.12LB/MMBTU	B*
					PM	.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	.80LB/H	N*
						.02LB/MMBTU	N*
GULF OIL CO.	TX (R)PSD-TX-214		M	HEATERS, 4 EA	CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	.58LB/MMBTU	N*
				TREATING UNIT, SCOT TAIL GAS	SO2	70.40LB/H	N*
GULF OIL CO.	TX TX-342		M	CATALYTIC DEWAXING UNIT #1944	NOX	6.00LB/H	B*
						.30LB/MMBTU	B*
					SO2	11.60LB/H	N*
						.60LB/MMBTU	N*
				DELAYED COKING UNIT	NOX	13.90LB/H	B*
						.12LB/MMBTU	B*
					SO2	3.50LB/H	N*
						.02LB/MMBTU	N*
				GULFINING UNIT #243	NOX	20.00LB/H	B*
						.30LB/MMBTU	B*
					SO2	38.30LB/MMBTU	N*
						.60LB/H	N*
				GULFINING UNIT #244	NOX	16.00LB/H	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.30LB/MMBTU	B*
					SO2	34.90LB/H	N*
						.60LB/MMBTU	N*
				LUBE VACUUM UNIT #147	NOX	37.30LB/H	B*
						.30LB/MMBTU	B*
					SO2	72.30LB/H	N*
						.60LB/MMBTU	N*
				SOLVENT DEWAXING UNIT	NOX	67.40LB/H	B*
						.67LB/MMBTU	B*
					SO2	3.00LB/H	N*
						.03LB/MMBTU	N*
				SOLVENT DEWAXING UNIT #1943	NOX	23.90LB/H	B*
						.67LB/MMBTU	B*
					SO2	1.10LB/H	N*
						.03LB/MMBTU	N*
				SOLVENT EXTRACTION UNIT #1843	NOX	14.67LB/H	B*
						.12LB/MMBTU	B*
					SO2	2.00LB/H	N*
						.02LB/MMBTU	N*
				SULFUR RECOVERY UNIT #544	NOX	1.90LB/H	B*
					SO2	45.00LB/H	N*
HAWAIIAN INDEPEN. REFIN.	HI (R)HI 81-01		M	HEATER, CRUDE OIL, #4	NOX	.40LB/MMBTU	
					PM	6.10LB/H	
					SO2	60.00LB/MMBTU	
				REFORMER FURNACE, H2 GEN. PL*	NOX	.17LB/MMBTU	
					PM	1.40LB/H	
					SO2	2.40LB/H	
HIGH PRAIRIE ENERGY CO.	MT	2.00MMSCFD	N	INCINERATOR	SO2	65.00LB/H	B*
HILL PETROLEUM	LA (R)PSD-LA-286A	66550.00BPSD	M	COMPRESSOR SEALS	VOC	.19LB/H	B*
				HEATER	VOC	.00LB/MMBTU	B*
				HEATER	VOC	.00LB/MMBTU	B*
				LOADING DOCK WASTEWATER	VOC	3.82LB/H	B*
				PUMP SEALS	VOC	.65LB/H	B*
				RELIEF VALVES	VOC	1.20LB/H	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
HILL PETROLEUM	(CONTINUED)						
				SEPARATOR	VOC	.31LB/H	B*
				TANKS, 11 EA	VOC	2.42LB/H	B*
				TANKS, 2 EA	VOC	7.32LB/H	B*
				TANKS, 4 EA	VOC	2.58LB/H	B*
				VALVES & FLANGES	VOC	7.72LB/H	B*
HYDROCARBON RECYCLERS, I*	OK T81-15 & T82-1*		M	ATMOS. & VACUUM DISTIL. USED* DISTIL. OF CHLORINATED HC	VOC	13.00T/YR	
INDEPENDENT REFIN.	TX (R)PSD-TX-388	50.00MBPSD	M	HEATERS, 6	NOX	.11LB/MMBTU	N*
				REBOILER	NOX	.11LB/MMBTU	N*
KOCH REFINING CO.	MN 106-81-1-19	404.00LT/D	M	CLAUS SULFUR RECOVERY UNIT #3	SO2	250.00PPM	N*
KOCH REFINING CO.	MN 106A-83-I-23	404.00LT/D	N	CLAUS SULFUR RECOVERY UNIT #4	SO2	150.00PPM	
LONGVEIW REFIN.	TX PSD-TX-364	30000.00BPSD	M	BOILERS, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
				FCC REGENERATOR	CO	79.50LB/H	B*
					NOX	32.70LB/H	B*
					PM	10.60LB/H	B*
					SO2	190.30LB/H	N*
				HEATERS, 25	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
				SULFUR RECOVERY UNIT TURBINE, 3	CO	.49G/HP-H	N*
					NOX	1.30G/HP-H	B*
					PM	.07G/HP-H	B*
					SO2	.12G/HP-H	B*
MARATHON OIL CO.	IL C 8005034		N	HEATER	NOX	.30LB/MMBTU	
					PM	.10LB/MMBTU	

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				HEATERS	SO2 .80LB/MMBTU	
					NOX .30LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.00LB/MMBTU	
MARATHON OIL CO.	TX TX-241		M	HEATER, CRUDE	NOX 36.74LB/H NAT GAS	B*
					.22LB/MMBTU NAT G*	B*
					NOX 52.50LB/H FUEL OIL	B*
					.30LB/MMBTU FUEL *	B*
					SO2 4.30LB/H NAT GAS	N*
					.03LB/MMBTU NAT G*	N*
					SO2 115.80LB/H FUEL OIL	N*
					.66LB/MMBTU FUEL *	N*
NATIONAL COOP. REFIN. AS*	KS	70000.00BBL/D	M	PROCESS HEATER, UNIT HF-009	NOX .15LB/MMBTU MAX	B*
				PROCESS HEATER, UNIT HF-010	NOX .15LB/MMBTU MAX	B*
				PROCESS HEATER, UNIT HP-012	NOX .15LB/MMBTU MAX	B*
NEDERLAND PROCESSING CO.	TX TX-262	35.00MBPSD	N	BOILER	CO 6.20LB/H OIL	B*
					.04LB/MMBTU OIL	B*
					CO 2.60LB/H GAS	B*
					.02LB/MMBTU GAS	B*
					NOX 51.00LB/H OIL	B*
					.30LB/MMBTU OIL	B*
					NOX 20.40LB/H GAS	B*
					.12LB/MMBTU GAS	B*
					PM 8.90LB/H OIL	B*
					.05LB/MMBTU OIL	B*
					PM 2.30LB/H GAS	B*
					.01LB/MMBTU GAS	B*
					SO2 79.30LB/H OIL	B*
					.47LB/MMBTU OIL	B*
					SO2 4.20LB/H GAS	B*
					.03LB/MMBTU GAS	B*
					VOC 1.20LB/H OIL	B*
					.01LB/MMBTU OIL	B*
					VOC .50LB/H GAS	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.01LB/MMBTU GAS	B*
				COOLING TOWER	VOC	3.60LB/H	B*
				FCCU REGEN	CO	73.50LB/H	N*
						500.00PPMV, LESS THAN	N*
					NOX	31.50LB/H	B*
					PM	8.40LB/H	N*
						1.00LB/MLB COKE	N*
					SO2	42.70LB/H	B*
					VOC	7.90LB/H	B*
				FLANGES, 3650	VOC	2.10LB/H	B*
				FLARE			
				ISOSTRIPPER REBOILER	CO	3.30LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	1.40LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	27.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	10.80LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	4.70LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	1.20LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	42.00LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	2.10LB/H GAS	N*
						.02LB/MMBTU GAS	N*
					VOC	.70LB/H OIL	B*
						.01LB/MMBTU OIL	B*
					VOC	.20LB/H GAS	B*
						.01LB/MMBTU GAS	B*
				OIL/WATER SEP	VOC	3.60LB/H	B*
				PUMPS -- HEAVY LIQUID, 7	VOC	.30LB/H	B*
				PUMPS -- LIGHT LIQUID, 58	VOC	2.00LB/H	B*
				STORAGE TANKS, 6	VOC	7.80LB/H TOTAL	B*
				SULFUR PLANT	NOX	.30LB/H	B*
						.12LB/MMBTU	B*

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				VACUUM UNIT FURNACE	SO2	2.20LB/H	B*
					CO	5.50LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.30LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	45.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	18.00LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	7.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.00LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	70.00LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	3.50LB/H GAS	N*
						.02LB/MMBTU GAS	N*
					VOC	1.10LB/H OIL	L*
						.01LB/MMBTU OIL	L*
					VOC	.40LB/H GAS	B*
						.01LB/MMBTU GAS	B*
				VALVES -- GAS VAPOR, 396	VOC	2.10LB/H	B*
				VALVES -- HEAVY LIQUID, 357	VOC	.20LB/H	B*
				VALVES -- LIGHT LIQUID, 268	VOC	.90LB/H	B*
PETRACO VALLEY OIL & REF*	TX TX-236		H	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*
						.01LB/MMBTU	N*
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
				COKER HEATER	CO	4.70LB/H	B*
						.01LB/MMBTU	B*

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PETRACO VALLEY OIL & REF* (CONTINUED)						
					NOX 48.10LB/H	B*
					.12LB/MMBTU	B*
					PM 3.00LB/H	B*
					.01LB/MMBTU	B*
					SO2 6.70LB/H	B*
					.02LB/MMBTU	B*
					VOC .90LB/H	B*
					.00LB/MMBTU	B*
				FCCU REGENERATOR	CO 61.20LB/H	N*
					.05% BY VOL.	N*
					NOX 39.30LB/H	B*
					PM 16.70LB/H	N*
					1.00LB/MLB COKE	N*
					SO2 116.90LB/H	B*
					VOC 12.70LB/H	B*
				FLARE	CO 17.80LB/H	B*
					NOX 78.80LB/H	B*
					PM .00LB/H	B*
					SO2 112.10LB/H	
					VOC 3.30LB/H	B*
				HEATER, BUTAMER ISOMER	CO .10LB/H	B*
					.01LB/MMBTU	B*
					NOX 1.40LB/H	B*
					.12LB/MMBTU	B*
					PM .10LB/H	B*
					.01LB/MMBTU	B*
					SO2 .20LB/H	B*
					.02LB/MMBTU	B*
				HEATER, CRUDE CHARGE	CO 4.60LB/H	B*
					.01LB/MMBTU	B*
					NOX 51.30LB/H	B*
					.12LB/MMBTU	B*
					PM 3.20LB/H	B*
					.01LB/MMBTU	B*
					SO2 6.80LB/H	N*
					.01LB/MMBTU	N*

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					VOC	.80LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HF ALK ISOSTRIPPER R*	CO	2.70LB/H	B*
						.01LB/MMBTU	B*
					NOX	28.00LB/H	B*
						.12LB/MMBTU	B*
					PM	1.70LB/H	B*
						.01LB/MMBTU	B*
					SO2	4.00LB/H	N*
						.02LB/MMBTU	N*
					VOC	.50LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HYDROCRACKER	CO	4.10LB/H	B*
						.01LB/MMBTU	B*
					NOX	42.30LB/H	B*
						.12LB/MMBTU	B*
					PM	2.70LB/H	B*
						.01LB/MMBTU	B*
					SO2	6.10LB/H	N*
						.02LB/MMBTU	N*
					VOC	.80LB/H	B*
						.00LB/MMBTU	B*
				HEATER, HYDROHEATER FEED	CO	1.70LB/H	B*
						.01LB/MMBTU	B*
					NOX	17.60LB/H	B*
						.12LB/MMBTU	B*
					PM	1.10LB/H	B*
						.01LB/MMBTU	B*
					SO2	2.60LB/H	N*
						.02LB/MMBTU	N*
					VOC	.30LB/H	B*
						.00LB/MMBTU	B*
				HEATER, OIL	CO	1.90LB/H	B*
						.01LB/MMBTU	B*
					NOX	19.60LB/H	B*
						.12LB/MMBTU	B*
					PM	1.20LB/H	B*

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					.01LB/MMBTU	B*
					SO2 2.80LB/H	N*
					.01LB/MMBTU	N*
					VOC .40LB/H	B*
					.00LB/MMBTU	B*
				HEATER, PENEX ISOMER FEED	CO .20LB/H	B*
					.01LB/MMBTU	B*
					NOX 1.70LB/H	B*
					.12LB/MMBTU	B*
					PM .10LB/H	B*
					.01LB/MMBTU	B*
					SO2 .30LB/H	N*
					.02LB/MMBTU	N*
				HEATER, PLATFORM FEED	CO 26.80LB/H	B*
					.01LB/MMBTU	B*
					NOX 321.90LB/H	B*
					.12LB/MMBTU	B*
					PM 53.20LB/H	B*
					.01LB/MMBTU	B*
					SO2 570.90LB/H	B*
					.02LB/MMBTU	B*
					VOC 5.30LB/H	B*
					.00LB/MMBTU	B*
				HEATER, SCOT UNIT FEED	CO .10LB/H	B*
					.01LB/MMBTU	B*
					NOX .60LB/H	B*
					.12LB/MMBTU	B*
					SO2 .10LB/H	B*
					.01LB/MMBTU	B*
				HEATER, VACUUM CHARGE	CO 2.30LB/H	B*
					.01LB/MMBTU	B*
					NOX 26.20LB/H	B*
					.12LB/MMBTU	B*
					PM 1.70LB/H	B*
					.01LB/MMBTU	B*
					SO2 3.50LB/H	N*
					.02LB/MMBTU	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PETRACO VALLEY OIL & REF* (CONTINUED)							
					VOC	.40LB/H	B*
						.00LB/MMBTU	B*
				INCIN., SULFUR PLANT	CO	.40LB/H	B*
						.01LB/MMBTU	B*
					NOX	67.40LB/H	B*
						1.40LB/MMBTU	B*
					PM	.40LB/H	B*
						.01LB/MMBTU	B*
					SO2	26.00LB/H	N*
						.02% BY VOL.	N*
					VOC	.10LB/H	B*
						.00LB/MMBTU	B*
				REGENERATOR, PLATFORMER CAT.			
					SO2	.10LB/H	B*
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	130000.00BPSD	M	CO BOILERS, 2	CO	.02LB/MMBTU	
					NOX	1.90LB/MMBTU	
					PM	.31LB/MMBTU	
					SO2	.10LB/MMBTU	
					VOC	.00LB/MMBTU	
				CRUDE OIL TANKS, 3	VOC	1.83T/YR EA	
				FUGITIVE EMISSIONS	VOC	140.00T/YR	
				HEATERS, 4	CO	.02LB/MMBTU	
					NOX	.14LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.03LB/MMBTU	
					VOC	.00LB/MMBTU	
				I.C. COMPRESSOR	CO	1.39G/HP-H	
					NOX	10.90G/HP-H	
					PM	.02G/HP-H	
					SO2	.10G/HP-H	
					VOC	4.42G/HP-H	
				I.C. ENGINE, 2	CO	.02LB/MMBTU GAS	
						.03LB/MMBTU OIL	
					NOX	.14LB/MMBTU GAS	
						.40LB/MMBTU OIL	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.01LB/MMBTU GAS .07LB/MMBTU OIL	
					SO2	.03LB/MMBTU GAS .80LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS .01LB/MMBTU OIL	
				TURBINE, 2	CO	.02LB/MMBTU GAS .03LB/MMBTU OIL	
					NOX	.14LB/MMBTU GAS .40LB/MMBTU OIL	
					PM	.01LB/MMBTU GAS .07LB/MMBTU OIL	
					SO2	.03LB/MMBTU GAS .80LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS .01LB/MMBTU OIL	
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBL/D	M	BOILER, 2 EA	NOX	.27LB/MMBTU	
				CRUDE HEATER	NOX	.27LB/MMBTU	
				VACUUM HEATER	NOX	.27LB/MMBTU	
PROVIDENT ENERGY CO.	AZ (R)AZP79-02	50.00MBPSD	N	BOILER & HEATER CLAUS SULFUR RECOVERY UNIT FCC UNIT & CATALYIST REGEN.	NOX	.43LB/MMBTU 2H AV	
SABER REFIN.	TX (R)PSD-TX-324	100.00MBPSD	M	FURNACES, 5	PM	1.00LB/MLB COKE BU*	
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
				HEATERS, 5	SO2	.01LB/MMBTU	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
				HEAVY OIL CRACKING UNIT	SO2	.01LB/MMBTU	N*
					CO	176.00PPM	N*
					NOX	203.00LB/H	B*
					PM	5.60LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				REBOILERS, 2	SO2	178.00PPM	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
				REFORMERS, 2	SO2	.01LB/MMBTU	N*
					CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	67.00MBPSD	M	BOILER	SO2	.01LB/MMBTU	N*
					CO	9.68LB/H	B*
					NOX	113.04LB/H	B*
					PM	11.36LB/H	B*
				FCCU REGENERATOR	SO2	132.72LB/H	B*
					CO	90.12LB/H	B*
					NOX	37.01LB/H	B*
					PM	12.00LB/H	N*
				HEATER, #1 CRUDE	SO2	205.42LB/H	B*
					CO	2.13LB/H	B*
					NOX	9.34LB/H	B*
					PM	2.75LB/H	B*
				HEATER, #2 CRUDE UNIT	SO2	22.18LB/H	B*
					CO	.31LB/H	B*
					NOX	4.16LB/H	B*
					PM	.27LB/H	B*
				HEATER, CRUDE CHARGE	SO2	.01LB/H	B*
					CO	4.42LB/H	B*
					NOX	87.84LB/H	B*
					PM	8.83LB/H	B*
				HEATER, GAS OIL HDS CHARGE	SO2	103.14LB/H	B*
					CO	1.70LB/H	B*
					NOX	11.98LB/H	B*
					PM	.50LB/H	B*
				HEATER, LUBE CRUDE	SO2	2.68LB/H	B*
					CO	.18LB/H	B*
					NOX	2.48LB/H	B*
					PM	.06LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SIGMORE REFIN. CO.	(CONTINUED)						
				HEATER, NAPHTHA HDS CHARGE	SO2	.23LB/H	B*
					CO	.63LB/H	B*
					NOX	4.46LB/H	B*
					PM	.19LB/H	B*
				HEATER, VACUUM DISTALLATION	SO2	1.00LB/H	B*
					CO	2.50LB/H	B*
					NOX	20.80LB/H	B*
					PM	1.60LB/H	B*
				HEATER, VISBREAKER CHARGE	SO2	19.49LB/H	B*
				HEATER, VISBREAKER CHARGE	CO	1.35LB/H	B*
				HEATER, VISBREAKER CHARGE	CO	1.35LB/H	B*
				HEATER, VISBREAKER CHARGE	NOX	26.95LB/H	B*
				HEATER, VISBREAKER CHARGE	NOX	26.95LB/H	B*
				HEATER, VISBREAKER CHARGE	PM	2.71LB/H	B*
				HEATER, VISBREAKER CHARGE	PM	2.71LB/H	B*
				HEATER, VISBREAKER CHARGE	SO2	31.64LB/H	B*
				HEATER, VISBREAKER CHARGE	SO2	31.64LB/H	B*
				HEATER, 1ST REFORMER	CO	1.03LB/H	B*
					NOX	7.29LB/H	B*
					PM	.31LB/H	B*
				HEATER, 2ND REFORMER	SO2	1.63LB/H	B*
					CO	.92LB/H	B*
					NOX	6.47LB/H	B*
					PM	.27LB/H	B*
				HEATER, 3RD REFORMER	SO2	1.45LB/H	B*
					CO	.46LB/H	B*
					NOX	3.23LB/H	B*
					PM	.14LB/H	B*
				HEATER, 4TH REFORMER	SO2	.72LB/H	B*
					CO	.23LB/H	B*
					NOX	1.62LB/H	B*
					PM	.07LB/H	B*
				REBOILER, DEETHANIZER	SO2	.36LB/H	B*
					CO	.44LB/H	B*
					NOX	3.09LB/H	B*
					PM	.13LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				REBOILER, ISOSTRIPPER	SO2	.69LB/H	B*
					CO	1.65LB/H	B*
					NOX	32.87LB/H	B*
					PM	3.31LB/H	B*
				REBOILER, KEROSENE HDS STRIP*	SO2	38.60LB/H	B*
					CO	.24LB/H	B*
					NOX	1.67LB/H	B*
					PM	.07LB/H	B*
				REBOILER, NAPHTHA SPLITTER	SO2	.37LB/H	B*
					CO	.47LB/H	B*
					NOX	3.34LB/H	B*
					PM	.14LB/H	B*
				REBOILER, NAPHTHA STABILIZER	SO2	.75LB/H	B*
					CO	.66LB/H	B*
					NOX	13.14LB/H	B*
					PM	1.32LB/H	B*
				REBOILER, REFORMER STABILIZER	SO2	15.42LB/H	B*
					CO	.28LB/H	B*
					NOX	2.01LB/H	B*
					PM	.08LB/H	B*
					SO2	.45LB/H	B*
SOUTHERN UNION REFIN.	NM NM-350	31500.00BPSD	M	HEATER, 13 EA	NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	.03LB/MMBTU	B*
				SULFUR RECOVERY UNIT	SO2	.84LB/H	B*
STANDARD OIL	OH 03-1138		N	HEATER A	CO	.02LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
				HEATER B	CO	.02LB/MMBTU	
					NOX	.15LB/MMBTU	
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
				HEATER C	CO	.02LB/MMBTU	
					NOX	.15LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
STANDARD OIL	(CONTINUED)						
					PM	.01LB/MMBTU	
					SO2	.02LB/MMBTU	
SUNOCO	PA 78PA10	63.00MMBTU/H	M	HEATER/BOILER	NOX	23.00LB/H	B*
					SO2	56.00LB/H	B*
TENNECO	LA PSD-LA-199		M	BOILERS, 13	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				CO BOILER	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				FCCU REGEN	CO	212.80LB/H	N*
				FLARES, 2	CO	1.60LB/H EA	B*
				HEATERS, 26	CO	.02LB/MMBTU GAS	B*
						.03LB/MMBTU OIL	B*
				SULFUR PLANT	CO	.04LB/MMBTU	B*
TEXACO, INC.	LA (R)PSD-LA-420	100000.00BPSD	M	ACID GAS INCIN.	CO	.93LB/MMBTU	B*
				ERG INCINERATOR	CO	.02LB/MMBTU	B*
				HEATERS, 15 EA	CO	.03LB/MMBTU	B*
TEXACO, INC.	LA (R)PSD-LA-378	140000.00BPSD	M	INCIN., 3 EA	CO	.02LB/MMBTU	B*
				MTU-CRU FLUE GAS COOLER	CO	.02LB/MMBTU	B*
				POWER RECOVERY STACK			
TEXACO, INC.	TX TX-141		M	FCCU	SO2	406.30LB/H	N*
				FLUE GAS SCRUB./SULFUR RECOV*	SO2	1.10LB/H SEE NOTE	N*
				HEATER #1407	SO2	4.50LB/H	N*
TOSCO CORP.	CA (R)SJ-78-26		M	CO BOILER	CO	45.70LB/H	L*
					NOX	41.00LB/H	B*
					SO2	.50% S FUEL	L*
TOSCO CORP.	CA 27769		N	FURNACE, REFINERY PROCESS	NOX	40.00PPM AT 3% O2	B*
				FURNACE, REFINERY PROCESS, 2*	NOX	40.00PPM AT 3% O2	B*
UNI OIL	TX (R)PSD-TX-229	10000.00BBL/D	M	BOILER, PACKAGE	CO	.71LB/H	B*

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REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					.01LB/MMBTU	B*
					NOX 7.94LB/H	B*
					.08LB/MMBTU	B*
					PM 1.59LB/H	B*
					.02LB/MMBTU	B*
					SO2 .79LB/H	N*
					.01LB/MMBTU	N*
					VOC .06LB/H	B*
					.00LB/MMBTU	B*
				FCC UNIT	CO 89.10LB/H	N*
					NOX 29.40LB/H	B*
					PM 12.00LB/H	N*
					1.00LB/MLB COKE BU*	N*
					SO2 64.10LB/H	N*
					VOC 2.60LB/H	B*
				HEATER, HDS	CO 1.67LB/H	B*
					.04LB/MMBTU	B*
					NOX 10.90LB/H	B*
					.27LB/MMBTU	B*
					PM 1.43LB/H	B*
					.04LB/MMBTU	B*
					SO2 .48LB/H	N*
					.01LB/MMBTU	N*
					VOC .16LB/H	B*
					.00LB/MMBTU	B*
				HEATER, ISOSTRIPPER	CO 1.11LB/H	B*
					.03LB/MMBTU	B*
					NOX 6.85LB/H	B*
					.18LB/MMBTU	B*
					PM .87LB/H	B*
					.02LB/MMBTU	B*
					SO2 .63LB/H	N*
					.08LB/MMBTU	N*
					VOC .16LB/H	B*
					.00LB/MMBTU	B*
				HEATER, REFORMER	CO 6.75LB/H	B*
					.04LB/MMBTU	B*

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SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
UNI OIL	(CONTINUED)						
					NOX	43.80LB/H	B*
						.27LB/MMBTU	B*
					PM	.08LB/H	B*
						.00LB/MMBTU	B*
					SO2	1.90LB/H	N*
						.01LB/MMBTU	N*
					VOC	.80LB/H	B*
						.01LB/MMBTU	B*
				HEATER, VACUUM	CO	1.67LB/H	B*
						.03LB/MMBTU	B*
					NOX	11.60LB/H	B*
						.17LB/MMBTU	B*
					PM	1.51LB/H	B*
						.02LB/MMBTU	B*
					SO2	1.27LB/H	N*
						.02LB/MMBTU	N*
					VOC	.16LB/H	B*
						.00LB/MMBTU	B*
				REGENERATOR, HYDROTREATER CA*	PM	.79LB/H	B*
					SO2	.24LB/H	N*
				TAIL GAS INCIN	NOX	.08LB/H	B*
					SO2	39.70LB/H	B*
UNION OIL	IL 83 01 0013		N	HEATER, W/AIR PREHEAT, 2 TOT*	NOX	.16LB/MMBTU	B*
				HEATER, W/O AIR PERHEAT, 3 EA	NOX	.13LB/MMBTU	B*
VENTECH REFIN.	LA (R)PSD-LA-232	46500.00BPSD	N	CATALYTIC REGEN	CO	104.70LB/H	N*
					NOX	66.60LB/H	B*
					PM	14.60LB/H	B*
					SO2	265.20LB/H	N*
					VOC	2.20LB/H	B*
				FCCU FURNACE	CO	.02LB/MMBTU	N*
					NOX	.23LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*

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SOURCE TYPE CODE: 5.5 PETROLEUM REFINING - AUXILIARY — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				SULFUR RECOVERY PLANT	SO2	2.10LB/H	N*
				VACUUM FURNACE	CO	.02LB/MMBTU	B*
					NOX	.23LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.03LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*

SOURCE TYPE CODE -- 5.6 PETROLEUM REFINING - ENTIRE OPERATION

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CHEVRON USA LUBE OIL	CA 27797		N	GAS COMPRESSOR, 9 EA	VOC	.30LB/D PER SEAL	
GARY WESTERN REFIN.	CO	21.00MBBL/D	M	BOILER #4	NOX	8.41LB/H	B*
				CRUDE UNIT	NOX	5.31LB/H	B*
				DISTILLATE HDS	NOX	3.42LB/H	B*
				GILSONITE MELT	NOX	3.60LB/H	B*
				HYDROCRACKER	NOX	6.02LB/H	B*
				MARUZEN LUMMIS	NOX	1.44LB/H	B*
				NEW H2 PLANT	NOX	13.32LB/H	B*
				PLATFORMER	NOX	10.09LB/H	B*
				SUL RECOV PLANT	NOX	.36LB/H	B*
				SUL RECOV PLANT	SO2	250.00PPM	B*
						60.10LB/H	B*
				VAP. REC. GAS CONT.	NOX	1.26LB/H	B*
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD	N	FLARING	SO2	8.00LB/H	B*
				GEN,UTILITY STEAM,STACK 3	CO	20.00LB/H	B*
					NOX	106.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*
				HEATER, ATMOS. CRUDE DISTIL,*	CO	17.00LB/H	B*
					NOX	95.00LB/H	B*
					PM	29.00LB/H	B*
					SO2	152.00LB/H	N*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HEATER, CATALYTIC REFORMER, *	CO	17.00LB/H	B*
					NOX	97.00LB/H	B*
					PM	29.00LB/H	B*
					SO2	152.00LB/H	N*
				HEATER, DISTILLATE HDS, STAC*	CO	4.00LB/H	B*
					NOX	24.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	39.00LB/H	N*
				HEATER, HYDROGEN PLANT, STAC*	CO	25.00LB/H	B*
					NOX	144.00LB/H	B*
					PM	43.00LB/H	B*
					SO2	232.00LB/H	N*
				HEATER, ISOMERIZATION UNIT, *	CO	3.00LB/H	B*
					NOX	18.00LB/H	B*
					PM	6.00LB/H	B*
					SO2	28.00LB/H	N*
				HEATER, NAPHTHA HDS, STACK 2.	CO	9.00LB/H	B*
					NOX	49.00LB/H	B*
					PM	15.00LB/H	B*
					SO2	78.00LB/H	N*
				HEATER, RESIDUE HDS, STACK 1.	CO	11.00LB/H	B*
					NOX	60.00LB/H	B*
					PM	18.00LB/H	B*
					SO2	96.00LB/H	N*
				HEATER, SULFUR PLANT, STACK *	CO	2.00LB/H	B*
					NOX	15.00LB/H	B*
					PM	4.00LB/H	B*
					SO2	15.00LB/H	N*
				SULFUR RECOVERY UNIT	SO2	152.00LB/H	N*
HESS OIL - VIRGIN ISLANDS	VI NONE	750.00MBPSD	M	FCC UNIT, 2	CO	500.00PPM VOL	B*
					NOX	175.00PPM 2% O2	B*
					PM	.80LB/MLB COKE BU*	B*
					SO2	.60% BY WT	B*
				FUGITIVE EMISSION SOURCES			
				PROCESS HEATERS, 3	CO	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.10LB/MMBTU	N*
					SO2	.10GR/DSCF H2S,GAS	N*
						.50% S OIL	N*
					VOC	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
HILL PETROLEUM CO.	LA (R)PSD-LA-286A		M	BOILER	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.10LB/MMBTU GAS	
						.11LB/MMBTU PROPA*	
				HEATER, HYDROTREATER CHARGE	CO	4.00LB/MMBTU	
					NOX	.06LB/MMBTU	
				HEATER, HYDROTREATER STABLIZ*	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.06LB/MMBTU GAS	
						.04LB/MMBTU PROPA*	
				HEATER, REFORMER CHARGE	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.06LB/MMBTU GAS	
						.04LB/MMBTU PROPA*	
				LIQUID PETROLEUM BARGES			
				LIQUID PETROLEUM PUMPS			
				LIQ. STORAGE TANKS (< 11.1 P*			
				LIQ. STORAGE TANKS (> 11.1 P*			
				REBOILER, REFORMER STABILIZER	CO	4.00LB/MMBTU GAS	
						1.50LB/MMBTU PROPA*	
					NOX	.06LB/MMBTU GAS	
						.04LB/MMBTU PROPA*	
				REBOILER, STABILIZER (GASOLI*	CO	4.00LB/MMBTU	
					NOX	.06LB/MMBTU	
MIAMI VALLEY REFIN. CO.	IN PC(15)1485		N	FBC COAL FIRED BOILER	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	
MITCHELL ENERGY	TX (R)PSD-TX-139	10.00MBPSD	N	BOILER	VOC	.00LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CRUDE UNLOAD	VOC	2.62LB/MMBTU	B*
				DIESEL STORAGE TANKS, 2	VOC	.12LB/MMBTU	B*
				FLARE	VOC	.05LB/MMBTU	B*
				HEATERS, 2	VOC	.00LB/MMBTU	B*
				KEROSENE STORAGE TANKS, 2	VOC	.16LB/MMBTU	B*
				NALTHA STORAGE TANKS, 2	VOC	.37LB/MMBTU	B*
				PROCESS DRAINS	VOC	.16LB/MMBTU	B*
				PRODUCT UNLOAD	VOC	1.48LB/MMBTU	B*
				PUMP SEALS	VOC	4.17LB/MMBTU	B*
				RESIDUE STORAGE TANKS	VOC	.01LB/MMBTU	B*
				VALVES & FLANGES	VOC	11.70LB/MMBTU	B*
SOUND REFINING, INC.	WA N/C 2439	9010.00BPD	N	CRACKER, FLUIDIZED BED CATAL*	CO	50.00PPM	
					NOX	60.00PPM	
					PM	.01GR/DSCF	
					SO2	100.00PPM	
SOUND REFINING, INC.	WA N/C 2445	26.30T/D	N	RECOVERY PLANT, SULFUR	SO2	75.00PPM	
SUNLAND REFIN. CORP.	CA SJ-79-22		M	COMBUSTION SOURCES	NOX	50.00PPM 3% O2	B*
					SO2	.03GR/DSCF H2S	L*
				LOADING RACKS	VOC	30.00MG/L OF PRODUCT	
				PRESSURE RELIEF VALVES			
				PROCESS TURNAROUNDS			
				STORAGE TANKS			
				SULFUR RECOVERY PLANT	SO2	1.00LB/H	L*
				SUMP			
				TANK TRUCKS			
				VACUUM DEVICES			
				VALVES/FLANGES/PUMPS/COMPRES*			
				WORK WATER SEPARATOR			
SWANN OIL CO.	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*
					PM	.50LB/H	B*
					SO2	.20LB/H	B*
				EMERGENCY FLARE SYS	NOX	.20LB/H	B*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HEATER, CRUDE UNIT ATMOS.	SO2	.01LB/H	B*
					CO	3.00LB/H	B*
					NOX	36.00LB/H	B*
					PM	9.00LB/H	B*
				HEATER, CRUDE UNIT VACUUM	SO2	18.00LB/H	B*
					CO	1.00LB/H	B*
					NOX	7.00LB/H	B*
					PM	2.00LB/H	B*
				HEATER, DISTILLATE HYDRODESU*	SO2	3.00LB/H	
					CO	.30LB/H	B*
					NOX	4.00LB/H	B*
					PM	.30LB/H	B*
				HEATER, NAPHTHA HYDRODESULFU*	SO2	.10LB/H	B*
					CO	.30LB/H	B*
					NOX	4.00LB/H	B*
					PM	.30LB/H	B*
				HEATER, NAPHTHA REFORMER	SO2	.10LB/H	B*
					CO	1.00LB/H	B*
					NOX	11.00LB/H	B*
					PM	1.00LB/H	B*
				HEATER, VISBREAKER	SO2	.30LB/H	B*
					CO	1.00LB/H	B*
					NOX	17.00LB/H	B*
					PM	4.00LB/H	B*
				POWER PLANT, TANKER	SO2	8.00LB/H	B*
					CO	1.00LB/H	B*
					NOX	64.00LB/H	B*
					PM	14.00LB/H	B*
				RECOVERY UNIT, CLAUS SULFUR	SO2	211.00LB/H	B*
					SO2	14.00LB/H	B*
VIRGIN ISLANDS REFINERY *	VI NONE	200.00MBPSD	N	API WASTE OIL SEPERATOR	VOC	436.00T/YR	N*
				BOILERS, FOSSIL FIRED, 3	CO	14.00T/YR	B*
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.35LB/MMBTU	B*
					SO2	20.00PPM H2S GAS	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.6 PETROLEUM REFINING - ENTIRE OPERATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.33% S BY WT, OIL	B*
					VOC	3.00T/YR	B*
				FCC UNIT	CO	565.00T/YR	N*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU ALT. *	B*
					PM	1.00LB/MLB COKE BU*	L*
						.10LB/MMBTU SUPP.*	L*
					SO2	79.00T/YR	N*
					VOC	3247.00T/YR	B*
				HYDROGEN PLANT	CO	105.00T/YR	B*
					NOX	1088.00T/YR	B*
					PM	.35LB/MMBTU	B*
					SO2	3.00T/YR	B*
					VOC	19.00T/YR	B*
				INCINERATOR, MULTI-CHAMBER			
					PM	.30LB/H	
				MARINE LOAD & UNLOAD FACILITY	VOC	64.00T/YR	S*
				PETROLEUM LIQUID STORAGE TAN*	VOC	937.00T/YR	N*
				PROCESS HEATERS	CO	369.00T/YR	B*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU ALT. *	B*
					PM	.35LB/MMBTU	B*
					SO2	3683.00T/YR	B*
					VOC	72.00T/YR	B*
				PUMPS, SEALS, VALVES, FLANGES	VOC	177.00T/YR	B*
				SULFUR RECOVERY PLANT	CO	29.00T/YR	B*
					NOX	.30LB/MMBTU OIL	B*
						.20LB/MMBTU ALT.	B*
					PM	.35LB/MMBTU	B*
					SO2	365.00T/YR	N*
					VOC	35.00T/YR	B*

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SOURCE TYPE CODE 5.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.7 BULK TERMINALS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AMOCO OIL CO., GRANVILLE	WI MAN-03-80-41-0*		N	TERMINAL	VOC	30.00MG/L	L*
				TERMINAL	VOC	80.00MG/L	
					VOC	30.00MG/L	L*
ASHLAND PETROLEUM CO.	KY C-81-37			BOTTOM FILL LOADING RACK	VOC	80.00MG/L GROUND LO*	
BAYTANK INC., HOUSTON	TX 8865	476000.00BBL	N	STORAGE TANKS, 49			
				WASTE WATER SEPERATOR, SEE N*			
SOURCE TYPE CODE -- 5.8 BULK PLANTS							
TIME OIL CO.	CA 27611	1.00MMGAL/D	N	GASOLINE BULK LOADING RACK	VOC	91.00LB/D	B*
						90.00LB/MMGAL	B*
SOURCE TYPE CODE -- 5.9 STORAGE OF PETROLEUM LIQUIDS							
MCKESSON CHEMICAL CO.	OK SEE NOTE		M	DRUM FILLING FACILITY			
SOURCE TYPE CODE -- 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS							
COLUMBIA GAS TRANSMISSIO*	OH 0123000137		N	NAT. GAS FIRED I. C. ENGINES	CO	2.00G/HP-H	
					NOX	5.00G/HP-H	
					VOC	.30G/HP-H	
CRYSEN REFINING, WESTERN*	UT			NAPTHA TANK, 2			

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.11 TRANSPORT & MARKETING - PETROLEUM PRODUCTS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DEPT. OF THE NAVY	TX X3818	22600.00GAL/D	N	LOADING RACK/STORAGE TANKS, 2			
NORTHERN ALASKAN PIPELINE	AK (R)PSD-X81-03*	2000.00MMCFD	N	ELECT. GEN. TURBINE	NOX	150.00PPM	B*
						15.00KG/H	B*
				GLYCOL HEATER MISC.	NOX	43.00NG/J	B*
						4.00KG/H	B*
				MAINLINE COMPRESSOR TURBINE	NOX	150.00PPM	B*
						80.00KG/H	B*
				REFRIG. COMPRESSOR TURBINE	NOX	150.00PPM	B*
						38.00KG/H	B*
NORTHERN TIER	AK (R)PSD-X81-14	933.00MBBL/D	N				

SOURCE TYPE CODE -- 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS

AMERADA HESS	TX (R)PSD-TX-328	55000.00HP	M	ENGINE, NAT. GAS, COMPERSSOR*	CO	1.40G/HP-H	B*
					NOX	10.60G/HP-H	B*
					SO2	.25T/YR	B*
					VOC	53.00T/YR	B*
AMOCO PRODUCTION	WY CT-272	250.00MMCFD	N	BOILER, GAS, 2 EA	NOX	.20LB/MMBTU	B*
				HEATER, GAS	NOX	.20LB/MMBTU	B*
				HEATER, GAS	NOX	.20LB/MMBTU	B*
				INCINERATOR, SULFUR PLANT	SO2	311.50LB/H	B*
AMOCO PRODUCTION CO.	ND	SEE NOTE	N	INCINERATOR STACK			
ATW COMPANY	MI 631-82B		N	GAS SWEETENING AMINE FACILITY	SO2	24.00LB/H	
CHAMPLIN PETROLEUM	WY CT-515	60.00MMCFD	N	COMPRESSOR, 2 EA	CO	2.00G/HP-H	B*
					NOX	4.00G/HP-H	B*
					SO2	.89LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VOC	.50G/HP-H	B*
				HEATER, GAS	CO	.02LB/MMBTU	B*
					NOX	.23LB/MMBTU	B*
					SO2	.30LB/H	B*
				TURBINE, 2 EA	CO	2.00G/HP-H	B*
					NOX	1.08G/HP-H	B*
					SO2	.58LB/H	B*
					VOC	.01G/HP-H	B*
CHAMPLIN PETROLEUM CO.	TX TX-206	260.00MMCFD	M	I. C. ENGINE	NOX	19.20LB/H	B*
						24.00LB/MHP-H	B*
				I. C. ENGINE, 2	NOX	25.20LB/H EA	B*
						24.00LB/MHP-H	B*
				I. C. ENGINE, 2	NOX	16.40LB/H	B*
						24.00LB/MHP-H	B*
CHEVRON U.S.A.	WY CT-297	420.00MMCFD		BOILER, GAS, 6 EA	NOX	.20LB/MMBTU	B*
				FURNACE, GAS, 3 EA	NOX	.20LB/MMBTU	B*
				HEATER, GLYCOL STILL, 3 EA	NOX	.20LB/MMBTU	B*
				HEATER, PROCESS, 3 EA	NOX	.20LB/MMBTU	B*
				REHEATER, STACK GAS, 3 EA	NOX	.20LB/MMBTU	B*
				SULFUR PLANT & TGU, 3 EA	CO	220.00LB/H	B*
					COS	460.00LB/H	B*
					H2S	8.20LB/H	B*
CIG	WY CT-58	60.00MMCFD	N	BOILER, GAS, 2	NOX	.20LB/MMBTU	S*
				THERMAL GASSIFICATION UNIT S*	SO2	.14% V AT 0% O2, *	B*
CRYSTAL EXPLORATION CO.	MI 238-80E	3.09MMCFD	N	SWEETENING FACILITIES	H2S	96.00% REMOVAL FROM*	
					SO2	1350.00LB/D	
CRYSTAL OIL CO.	LA PSD-LA-510	1642.50MMSCF/YR	M	FLARE, #3-81	SO2	144.48LB/H	
DELHI GAS PIPELINE CORP.	TX 8628	60.00MMCFD	N	GAS PROCESSING PLANT - GAS	H2S	1.30T/YR	
						10.00PPM	
				GAS PROCESSING PLANT - SULFUR	SO2	92.90T/YR	
						400.00PPM	

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SOURCE TYPE CODE 5.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ENDERCO	AR PSD-704-A	11.50MMCFD	M	AMINE SWEETENING CLAUS	SO2	155.00LB/H	B*
ETEXAS PRODUCERS GAS CO.	TX X-3832	15.00MMCFD	N	COMPRESSOR	CO	9.00T/YR	
						1.40G/HP-H	
					NOX	67.00T/YR	
						10.00G/HP-H	
					VOC	3.00T/YR	
						4.40G/HP-H	
				FLARE, EMERGENCY	VOC	24.00T/YR	A*
				HOT OIL HEATER	NOX	2.10T/YR	A*
				REGENERATION HEATER	NOX	1.40T/YR	A*
EXXON CO., U.S.A.	TX (R)PSD-TX-362	24.00MMCFD NAT*	N	DIETHENOLAMINE (DEA) REGEN.	SO2	.00LB/MMBTU	
				FLARE	SO2	129.35LB/H	
				GLYCOL RECONCENTRATOR	SO2	.00LB/MMBTU	
LIQUID ENERGY CORP.	NM NM-389	60.00MMCFD	N	ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	3.40G/HP-H	
MAPCO PRODUCTION CO.	NM PSD-NM-576		M	ACID GAS FLARE	SO2	703.00LB/H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
				ENGINE, I.C. COMPRESSOR	NOX	9.00G/HP-H	
MARATHON OIL CO.	WY CT-479	7.10MMCFD	N	HEATER, HOT OIL	NOX	.20LB/MMBTU	S*
				INCINERATOR, SULFUR PLANT	SO2	79.80LB/H	B*
						31.90LB/MMBTU	B*
				STILL, GLYCOL	NOX	.20LB/MMBTU	S*
MOUNTAIN FUEL SUPPLY	WY CT-117	12.50MMCFD	N	INCINERATOR, SULFUR PLANT	CO	.05% V AT 0% O2, *	B*
					SO2	.18% V AT 0% O2, *	B*
				TURBINE, GAS, 2 EA	CO	.01% V AT 0% O2, *	B*
PACIFIC ALASKA LNG ASSOC*	AK 8423-AA002		N	HEATER, PROCESS, GAS FIRED, 5	NOX	38.00NG/J	B*

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SOURCE TYPE CODE 5.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.12 NATURAL GAS/GASOLINE PROCESSING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.09LB/MMBTU	B*
PHILADELPHIA GAS WORKS	PA 78PA03		M	BOILER	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
				STORAGE TANKS	VOC	91.00T/YR	B*
PHILLIPS PETROLEUM CO.	ND	30.00MMCFD	N	INCINERATOR STACK	SO2	93.30LB/H	B*
PHILLIPS PETROLEUM CO.	NM (R)PSD-NM-389		M	ENGINE, I.C. COMPRESSOR, 2 EA	NOX	11.00G/HP-H	B*
PHILLIPS PETROLEUM CO.	TX (R)PSD-TX-314		M	I.C. COMPRESSOR ENGINES	NOX	12.40G/HP-H	B*
				TURBINE COMPRESSOR ENGINES	NOX	1.80G/HP-H	B*
PROCESS EQUIPMENT CORP.	MI 813-81		N	SOUR GAS SWEETENER	SO2	81.10LB/MMSCF	
REPUBLIC REFINING CO.	MS (R)PSD-MS-037	39.00MMBTU/H	N	NAT. GAS PROCESSING-SULFUR R*	SO2	.00LB/H EA	B*
SHELL OIL CO.	MI 617-82		N	GAS SWEETENING FACILITY			
					SO2	184.00LB/H	
						540.00LB/H	
SID RICHARDSON CARBON & *	TX 2724	117.00MMSCFD	M	NATURAL GAS TREATING PLANT	SO2	816.00T/YR	
WARREN PETROLEUM CO.	ND	24.00MMCFD	M	INCINERATOR STACK	SO2	534.00LB/H	B*
WARREN PETROLEUM CO.	NM (R)PSD-NM-156*	10.00MMCFD	M	ACID GAS FLARE	SO2	703.00LB/H	
						.00LB/SCF	

SOURCE TYPE CODE -- 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING

KERNRIDGE OIL CO.	CA (R)SJ-79-26		M	OIL WELL VENTS - EXISTING			
				OIL WELL VENTS - NEW			

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SOURCE TYPE CODE 5.13

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.13 ASPHALT & ASSOCIATED PRODUCTS MFG./PROCESSING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				STEAM GEN., 11 EA	NOX	.20LB/MMBTU	B*
					PM	.06LB/MMBTU	L*
					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU	
						1.20% S FUEL OIL	
R.A. CHILDS	UT MIN 083182-5T	130.00T/YR	N	DRUM DRYER	PM	.02GR/DSCF	
						1.49LB/H	
					VE	20.00% OPACITY	
US OIL & REFINING CO.	WA N/C 2455	30000.00GAL	N	ASPHALT BLOW STILLS, 2	PM	.02LB/T ASPHALT C*	
					SO2	.10GR/DSCF H2S IN*	

SOURCE TYPE CODE -- 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

AMINOIL USA, INC.	CA NSR-4-4-9 LA-8*		M	TURBINE & WASTE HEAT BOILER	BE	.00LB/H	
					SOX	14.00LB/H	B*
BEREY HOLDING CO.	CA (R)SJ-79-17		M	COMPRESSORS, RECIP. BOOSTER,*	VOC	10.50LB/H 3% O2	
				COMPRESSOR, ROTARY SCREW,2 EA	VOC	690.00PPM (AS CARBON)	
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H	M	BOILERS, 9	PM	3.60LB/H	L*
					SO2	16.80LB/H	B*
EXXON CO	MS MS 030	24.00MMCF	N	TEST WELL	SO2	745.00T/D 30 D MAX	
GEOKINETICS INC., OIL SH*	UT	426.00BBL/D		GENERATOR	NOX	38.90LB/H	B*
					VE	20.00% OPACITY	
				INCINERATOR	NOX	45.10LB/H	B*
					SO2	135.30LB/H	B*
					VE	20.00% OPACITY	
MOBIL OIL EXPLORATION	AL AL-078	225.00MMSCFD	N	DIESEL ENGINES, 4 RIGS	CO	9.40LB/H-RIG	

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	71.60LB/H-RIG	
					PM	3.40LB/H-RIG	
					SO2	7.30LB/H-RIG	
				NAT. GAS SULFUR REMOVAL	SO2	200.00LB/H EA	B*
				PLATFORM GENERATORS, 5 EA., *	CO	146.00LB/H-PLATFORM	
					NOX	146.00LB/H-PLATFORM	
					SO2	1.00LB/H-PLATFORM	
				SULFUR DEPOT BOILER	NOX	.20LB/MMBTU	
					SO2	2.20LB/H	
				SUPPLEMENTAL BOILER	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
				TURBINE GENERATOR, GAS-FIRED	NOX	175.00PPM BY VOL	
					SO2	1.00LB/H	
OXY-LOGAN WASH MODIF.1980 CO		1.00MBBL/D	M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
				RETORT	CO	3640.00LB/H	B*
					H2S	376.00LB/H	B*
					VOC	154.00LB/H	B*
PARAHO DEVELOPMENT CORP. UT			N	BLASTING			
				BOLTING, SCALING, HANDLING, *			
				CRUSHING			
				HYDROGEN PLANT REFORMER FURN*	PM	.02GR/DSCF	
					CO	17.00LB/MMCF	
					CO	.02LB/MMBTU	
					NOX	161.00LB/MMCF	
					NOX	.16LB/MMBTU	
					PM	15.00LB/MMCF	
					PM	.02LB/MMBTU	
					SO2	.60LB/MMCF	
					SO2	9.83LB/H	
					VOC	3.00LB/MMCF	
					VOC	.00LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				HYDROTREATER FEED FURNACE	CO	17.00LB/MMCF	
					NOX	161.00LB/MMCF	
					PM	15.00LB/MMCF	
					SO2	.60LB/MMCF	
					VOC	3.00LB/MMCF	
				IN MINE TRANSFER	PM	.02GR/DSCF	
				MATERIAL HANDLING	PM	.01GR/DSCF	
					PM	.02GR/DSCF	
					PM	.02GR/DSCF	
				MINE MOBILE EQUIPMENT	CO	4.50LB/MGAL	
					NOX	385.20LB/MGAL	
					PM	11.00LB/MGAL	
					SO2	31.20LB/MGAL	
					VOC	2.80LB/MGAL	
				PACKAGE BOILER	CO	5.00LB/MGAL	
					NOX	22.00LB/MGAL	
					PM	2.00LB/MGAL	
					SO2	.50% S CONTENT	
					VOC	1.00LB/MGAL	
				POWER GENERATION FACILITY	CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.00LB/MMBTU	
				STORAGE PILES			
				STORAGE TANKS, 4			
RIO BLANCO OIL SHALE-81	CO	2.00MBBL/D	M	HEATER	NOX	1.00LB/H	B*
				LURGI RETORT	NOX	127.00LB/H	B*
					PM	39.80LB/H	B*
					SO2	18.00LB/H	B*
				ORE CONV-STKPILE	PM	.40LB/H	B*
				ORE LOADOUT	PM	.08LB/H	B*
				ORE TRANSFER	PM	.40LB/H	B*
				PRIM. CRUSH/SCR	PM	.24LB/H	B*
				PROC SHALE TRANS. DISP	PM	.40LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PROC SHALE TRANS.,FEED	PM	.40LB/H	B*
				PROD. GAS INC/SCRUB	NOX	24.00LB/H	
					SO2	9.70LB/H	B*
				SEC. CRUSH/SCR	PM	.32LB/H	B*
				2 BOILERS	NOX	39.60LB/H	B*
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	COAL & LIMESTONE STORAGE/HAN*	PM	1.30LB/H	
				STEAM GENERATOR	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	
TOSCO OIL SHALE-1981	UT	45.00MBBL/D	N	FEED HEATER	CO	1.10LB/H	B*
					NOX	7.00LB/H	B*
					PM	1.20LB/H	B*
					SO2	3.10LB/H	B*
				MINE VENTS	PM	10.60LB/H	B*
						14.90LB/H	B*
				OIL REBOILER	CO	1.50LB/H	B*
					NOX	9.10LB/H	B*
					PM	1.60LB/H	B*
					SO2	4.00LB/H	B*
				ORE STORAGE	PM	4.70LB/H	B*
				RECL TUNNEL	PM	6.20LB/H	B*
				SEC CRUSHER	PM	36.60LB/H	B*
				SPENT SHALE STOR	PM	7.90LB/H	B*
				2 AUX BOILERS	CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
				2 SO2 REC.PLANTS	SO2	92.20LB/H	B*
				4 REFORM FURN	CO	10.80LB/H	B*
					NOX	90.30LB/H	B*
					PM	12.00LB/H	B*
					SO2	30.10LB/H	B*
				6 ELUTRIATORS	NOX	15.80LB/H	B*
					PM	42.00LB/H	B*
					SO2	5.30LB/H	B*
				6 PREHEAT STK	NOX	1588.20LB/H	B*

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SOURCE TYPE CODE 5.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
TOSCO OIL SHALE-1981	(CONTINUED)					
					PM 90.00LB/H	B*
					SO2 62.50LB/H	B*
					VOC 303.00LB/H	B*
				6 PROCESS SHALE WET	PM 43.20LB/H	B*
UNION OIL SHALE #1	CO	10.00MBBL/D		DEARSENITER CHARGE HTR	NOX 2.30LB/H	B*
				DEARSENITER PURGE HTR	NOX 1.80LB/H	B*
				FRACT CHG HTR	NOX 2.50LB/H	B*
				H2 CHG HTR	NOX 2.80LB/H	B*
				REFORMER FURN	NOX 53.10LB/H	B*
				STEAM BOILER	NOX 12.00LB/H	B*
				SULFUR REC.UNIT	SO2 300.00PPM	B*
					1.90LB/H	B*
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	106000.00BPSD	N	BOILER & POWER PLANTS (3 STK)	NOX .20LB/MMBTU	
					487.50LB/H	
					PM .03LB/MMBTU	
					73.20LB/H	
					SO2 .07LB/MMBTU	
					166.90LB/H	
				CONVEYORS	PM .01GR/DSCF	
				CRUSHING & SCREENS	PM .02GR/DSCF	
				DEAD STORAGE WIND EROSION, R*		
				FEED TO STORAGE SILOS	PM .01GR/DSCF	
				FINES CONVEYOR, POINTS TRANS*	VE 20.00% OPACITY	
				FUEL GAS TREATED HIGH BTU	H2S .10GR/DSCF	
					NH3 10.00PPMV	
					T.* .49GR/DSCF	
				FUEL GAS TREATED LOW BTU	NH3 10.00PPMV	
					S 75.00PPMV	
				GAS TREATMENT PLANT, 3 UNITS		
					SO2 250.00PPMV AT 0% O2	
				GROOMING	VE 20.00% OPACITY	
				GROOMING, RAW SHALE STOCKPILE		
				H2 PLANT REFORMER FURNACE	NOX .21LB/MMBTU	
					267.80LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE)

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					PM .20LB/MMBTU
					25.80LB/H
					SO2 .01LB/MMBTU
					9.00LB/H
				IN-MINE PRIMARY CRUSHING	
				LIVE STORAGE WIND EROSION, R*	
				LOAD IN	VE 20.00% MINIMIZE
				LOAD IN, RAW SHALE STOCKPILE	
				MAIN ACCESS ROADS	
				MINE CONVEYOR SURGE BIN	PM .01GR/DSCF
				MINE CONVEYOR TRANSFER POINTS	PM .01GR/DSCF
				NAPTHA & CRUDE STORAGE TANKS	
				PHASE III - HYDRO TREATER RE*	NOX .26LB/MMBTU
					39.00LB/H STACK
					PM .02LB/MMBTU
					2.60LB/H STACK
					SO2 .16LB/MMBTU
					10.00LB/H STACK
				PHASE III-UNION B RECYCLE GA*	NOX .02LB/MMBTU
					53.10LB/H STACK
					PM .02LB/MMBTU
					5.00LB/H STACK
					SO2 .02LB/MMBTU
					5.50LB/H STACK
				PROCESSED SHALE CONVEYOR TRA*	VE 20.00% OPACITY
				PROCESSED SHALE DISPOSAL	
				SUPERIOR PROCESSED CONVEYOR *	VE 20.00% OPACITY
				SUPERIOR RETORT SILO FEED	PM .01GR/DSCF
				SURFACE CRUSHING & SCREENS	PM .01GR/DSCF
				TOSCO PREHEAT & BALL HEATERS	NOX .22GR/DSCF
					51.90LB/H STACK
					PM .02GR/DSCF
					22.50LB/H STACK
					SO2 .00GR/DSCF
					.50LB/H STACK
				TOSCO PROCESSED CONVEYOR SHA*	
				TOSCO RETORT SILO FEED	PM .01GR/DSCF

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.14 CRUDE OIL/NAT. GAS PRODUCTION (INCL. OIL SHALE) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				UNION PROCESSED CONVEYOR SHA*	VE	20.00% OPACITY	
				UNION RETORT SILO FEED	PM	.01GR/DSCF	
				WIND EROSION			
				2ND LIGHT DUTY ROADS			
SOURCE TYPE CODE -- 5.15 OIL AND GAS FIELD SERVICE							
DRLGMUD CO.	TX X-3973	100000.00LB/D	N	SILO & LOADING	BA*	.10LB/H	
				VENT HOUSE TRAFFIC	PM	.90LB/H	
SIGMOR PIPELINE CO.	TX 6348	306.00MMGAL/YR	N	DIESEL/KERO LOADING	VOC	14.10T/YR	A*
				FUGITIVE VOC	VOC	12.00T/YR	
				GASOLINE LOADING 3 RACKS (12*	VOC	23.60T/YR	A*
						.13LB/MGAL VOC	A*
				STORAGE TANKS (7)	VOC	25.00T/YR	A*
UNITED GAS PIPE LINE CO.	TX X1480	2000.00HP EA,NAT*	N	SUPERIOR COMPRESSOR ENGINE	NOX	4.20G/BHP-H	
SOURCE TYPE CODE -- 5.16 PETROLEUM INDUSTRY -- OTHER							
BEAR CREEK STORAGE	LA PSD-LA-85		N	GAS HEATERS, 3	NOX	2.10LB/H	B*
				I.C. COMPRESSOR, 4	CO	1.40G/HP-H	B*
					NOX	11.70G/HP-H	B*
				REGENERATOR HEATERS, 3	NOX	.40LB/H	B*
CHEVRON USA, INC.	UT	525600.00MMGAL/YR	M	SEPARATOR			
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358		N	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*

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SOURCE TYPE CODE 5.16

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
				COMPRESSOR ENGINE	CO	.00G/HP-H	B*
					NOX	.00G/HP-H	B*
					SO2	.00G/HP-H	B*
					VOC	.00G/HP-H	B*
				EMERGENCY GEN.	CO	1.40G/HP-H	B*
					NOX	10.90G/HP-H	B*
					SO2	.00G/HP-H	B*
					VOC	.84G/HP-H	B*
HOUSTON PIPE LINE CO.	TX TX-313		M	DEHYDRATORS, 2	NOX	.15LB/H	B*
						.12LB/MMBTU	B*
				I.C. ENGINES, 4 TURBO.	NOX	60.80LB/H	B*
						11.50G/HP-H	B*
OASIS PIPELINE CO.	TX		M	COMPRESSOR ENGINE	CO	1.40G/HP-H	B*
					NOX	6.86G/HP-H	B*
					VOC	.70G/HP-H	B*
ODESSA NATURAL CORP.	TX (R)PSD-TX-368		M	I. C. ENGINES, 2 EA	CO	2.20G/HP-H	B*
					NOX	6.50G/HP-H	B*
				TURBINE	CO	.50G/HP-H	B*
					NOX	1.30G/HP-H	B*
PANHANDLE EAST. PIPELINE	OK (R)PSD-OK-330		M	I.C. ENGINE	CO	5.50G/HP-H	B*
					NOX	11.50G/HP-H	B*
				I.C. ENGINE, 3 EA	CO	4.80G/HP-H	B*
					NOX	6.00G/HP-H	B*
PANHANDLE EAST. PIPELINE	OK (R)PSD-OK-329		M	I. C. ENGINE, 2 EA	CO	9.00G/HP-H	B*
					NOX	9.00G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-321		M	COMPRESSOR ENGINE	CO	5.70G/HP-H	B*
					NH3	.01LB/H	B*
					NOX	11.50G/HP-H	B*
					VOC	1.70LB/H	B*

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SOURCE TYPE CODE 5.16

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PANHANDLE EAST. PIPELINE	TX PSD-TX-322		M	I.C. ENGINES, 3	CO	5.70G/HP-H	B*
					NOX	11.50G/HP-H	B*
PANHANDLE EAST. PIPELINE	TX (R)PSD-TX-320		M	COMPRESSOR ENGINE	CO	5.70G/HP-H	B*
					NH3	.68LB/H	B*
					NOX	11.50G/HP-H	B*
					VOC	13.50LB/H	B*
PETRO-LEWIS CORP.	CA 4052033-037		N	GENERATOR, STEAM, 5 EA	NOX	.12LB/MMBTU 181.30LB/D	
					PM	.03LB/MMBTU 50.66LB/D	
					SOX	.02LB/MMBTU 34.81LB/D	
REFINERY WASTE GAS RECOV*	CA SEE NOTE			VAPOR COMPRESSOR, VALVES, & *	VOC	28.90LB/D	
SHELL OIL CO.	MS MS 025	8200.00BBL/D	M	CO2 INJECTION			
SOUTHERN NAT. GAS	LA (R)PSD-LA-406		M	I.C. ENGINES, 2 EA	NOX	11.00G/HP-H	B*
SOUTHERN NAT. GAS	LA (R)PSD-LA-267		M	I.C. ENGINE	CO	4.00LB/H	B*
					NOX	182.00LB/H	B*
SUN GAS CO.	TX (R)PSD-TX-R72		M	COMPRESSOR	CO	1.20G/HP-H	B*
					NOX	9.10G/HP-H	B*
				COMPRESSOR ENGINE, 2	CO	1.20G/HP-H	B*
					NOX	9.10G/HP-H	B*
TEXACO, INC.	LA (R)PSD-LA-382		M	I.C. ENGINE 1	CO	10.00G/HP-H	B*
				I.C. ENGINE 2	NOX	10.00G/HP-H	B*
TEXACO, INC.	LA (R)PSD-LA-381		M	GEN. DRIVER, 2 EA	CO	10.00G/HP-H	B*
					NOX	10.00G/HP-H	B*
				I.C. COMPRESSOR ENGINE, TURB*	CO	1.30G/HP-H	B*
					NOX	6.50G/HP-H	B*

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SOURCE TYPE CODE 5.16

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 5.16 PETROLEUM INDUSTRY -- OTHER

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TEXACO, INC.	LA (R)PSD-LA-301	6300.00HP	M	ENGINE, I.C., TURBOCHARGED	NOX	43.70LB/H	B*
						7.50G/HP-H	B*
				I.C. ENGINE, NAT. ASPIRATED	NOX	7.70LB/H	B*
						10.00G/HP-H	B*
				TURBINE COMPRESSOR, GAS-FIRED	NOX	9.40LB/H	N*
						1.30G/HP-H	N*
TEXACO, INC.	LA (R)PSD-LA-300		M	I. C. ENGINE, NAT. ASPIRATED	NOX	10.00G/HP-H	B*
						11.00LB/H	B*
				I. C. ENGINE, TURBOCHARGED	NOX	7.50G/HP-H	B*
						43.70LB/H	B*
				I. C. ENGINE, TURBOCHARGED	NOX	7.50G/HP-H	B*
						43.70LB/H	B*
				TURBINE, GAS FIRED, COMPRESS*	NOX	1.80G/HP-H	B*
						14.20LB/H	B*
TRANSKLINE LNG CO.	LA PSD-LA-97,M-1		N	HEATER, FUEL GAS, 2 EA	NOX	.63LB/H	N*
				TURBINE, GAS, 2	NOX	79.00LB/H	N*
				VAPORIZER, LNG, 7 EA	NOX	3.86LB/H	N*
UNITED GAS PIPE LINE CO.	LA (R)PSD-LA-230		M	COMPRESSOR ENGINE, 3 EA	NOX	107.90LB/H EA	B*
						30.80LB/MHP-H	B*
UNITED PIPE LINE CO.	TX TX-211		M	COMPRESSOR ENGINE, 3	NOX	31.50LB/H	B*
						31.50LB/MHP-H	B*

SOURCE TYPE CODE -- 6.1 ACRYLONITRILE PLANT

DOW CHEMICAL U.S.A.	WY CT-511		N	AERATION, RAIL TANK CAR	AC*	2.90UG/CU METER, N*	B*
					AC*	.90UG/CU METER, N*	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.1 ACRYLONITRILE PLANT

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BADISCHE CORP.	TX (R)PSD-TX-284		M	WASTE INCIN., 2 EA	NOX	.73LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*

SOURCE TYPE CODE -- 6.9 ALKYLBENZENE

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CONOCO, INC.	LA (R)PSD-LA-291	150.00MMLB/YR	M	FLARE	CO	.02LB/H	B*
					NOX	.12LB/H	B*
				HEATER, HOT OIL	CO	.02LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
				HEATER, STARTUP	CO	.03LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
				PACOL HEATER, CHARGE	CO	.02LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*

SOURCE TYPE CODE -- 6.12 CARBON BLACK

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ASHLAND CHEMICAL CO.	LA LA-339	320.00MMLB/YR	M	CO BOILER	CO	94.00LB/H	B*
					NOX	26.40LB/H	B*
					PM	6.90LB/H	B*
					SO2	977.30LB/H	B*
				DRYER 1	VOC	19.30LB/H	B*
					CO	36.90LB/H	B*
					NOX	10.70LB/H	B*
					PM	6.24LB/H	B*
					SO2	38.30LB/H	B*
				DRYER 2	VOC	4.00LB/H	B*
					CO	79.30LB/H	B*
					NOX	9.69LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.12 CARBON BLACK

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	15.28LB/H	B*
					SO2	777.80LB/H	B*
					VOC	9.10LB/H	B*
ASHLAND CHEMICAL CO.	TX TX-338		M	CO BOILER	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*
				STACK DRYER 1	CO	42.50LB/H	B*
					NOX	20.00LB/H	B*
					PM	7.40LB/H	B*
					SO2	373.90LB/H	B*
					VOC	1.40LB/H	B*
				STACK DRYER 2	CO	42.50LB/H	B*
					NOX	20.00LB/H	B*
					PM	7.40LB/H	B*
					SO2	373.90LB/H	B*
					VOC	1.40LB/H	B*
CONTINENTAL CARBON	TX PSD-TX-345		M	DRYER			
				DRYER			
				FIREBOX			
				REACTOR			
				REACTOR			
GREAT LAKES CARBON	AR PSD-AR-271A		M	BAGHOUSE	PM	.02LB/H	B*
				INCIN.	PM	6.66LB/H	B*
PHILLIPS PETROLEUM CO.	OK PSD-OK-223		M	NAT. GAS FIRED COMPRESSOR	CO	.20LB/H	
					PM	.40LB/H	

SOURCE TYPE CODE -- 6.13 CHARCOAL

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.13 CHARCOAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BIG SANDY WOOD IND.	TX C8881		N	WOOD-CHARRING PILES, 5	CO	178.00T/YR	B*
					NOX	4.40T/YR	B*
					PM	20.50T/YR	B*

SOURCE TYPE CODE -- 6.14 CHLOROALKALI

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
DIAMOND SHAMROCK CORP.	TX TX-276		M	GAS TURBINE, 3	CO	108.10LB/H EA	B*
						.11LB/MMBTU	B*
					NOX	403.00LB/H EA	N*
						.42LB/MMBTU	N*
					PM	13.20LB/H EA	B*
						.01LB/MMBTU	B*
					SO2	.60LB/H	N*
						.00LB/MMBTU	N*
				STEAM GEN., HEAT RECOVERY, 3	CO	4.08LB/H EA	B*
						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*

SOURCE TYPE CODE -- 6.15 CHLOROBENZENE

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BOFORS NOBEL, INC.	MI 615-81		N	DCB MANUFACTURE	DCB	9.06UG/CU. METER	
				DCB PACKOUT	DCB	3.52UG/CU. METER	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
E.I. DUPONT DE NEMOURS	TX 9176		M	COMPRESSION & POLYMERIZATION			
				PELLETIZING			
				PRODUCT HANDLING & STORAGE			
GULF OIL CHEMICALS	TX (R)PSD-TX-299	690.00MMLB/YR	N	BLOW TANK FILTERS, 2 EA			
				BOILERS, 4 EA	NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.75LB/MMBTU OIL	B*
				CATALYTIC ACTIVATOR FILTERS,*			
				CATALYTIC ACTIVATORS, 2 EA	NOX	.12LB/MMBTU	B*
					PM	.10LB/H	B*
				CATALYTIC FILTERS, 2 EA			
				CATALYTIC INCINERATOR	NOX	15.00LB/H	B*
				FLARE, 10 EA	NOX	2.30LB/H	B*
					PM	.10LB/H	B*
				PREHEATERS, 2 EA	NOX	.10LB/H	B*
				STORAGE SILOS			
TEXAS EASTMAN CO.	TX TX-332		M	BOILERS, 2	CO	4.60LB/H TAR	B*
						3.20LB/H NAT GAS	B*
					NOX	42.00LB/H TAR	B*
						22.80LB/H NAT GAS	B*
					PM	14.00LB/H TAR	B*
						1.00LB/H NAT GAS	B*
					SO2	12.00LB/H TAR	B*
						1.00LB/H NAT GAS	B*
				PELLET STORAGE & HANDLING	PM	1.10LB/H	B*
				PROCESS HEATER	CO	.20LB/H	B*
					NOX	1.20LB/H	B*
					PM	1.00LB/H	B*
					SO2	.01LB/H	B*
				PYROLYSIS FURNACE	CO	1.70LB/H	B*
				PYROLYSIS FURNACE	CO	1.70LB/H	B*
				PYROLYSIS FURNACE	NOX	10.00LB/H	B*
				PYROLYSIS FURNACE	NOX	10.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.24 ETHYLENE AND POLYETHYLENE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				PYROLYSIS FURNACE	PM	1.00LB/H	B*
				PYROLYSIS FURNACE	PM	1.00LB/H	B*
				PYROLYSIS FURNACE	SO2	.10LB/H	B*
				PYROLYSIS FURNACE	SO2	.10LB/H	B*
				PYROLYSIS FURNACES, 4	CO	3.00LB/H EA	B*
					NOX	17.00LB/H	B*
					PM	1.00LB/H EA	B*
					SO2	.20LB/H	B*
TEX-USS	TX (R)PSD-TX-336	270.00MT/YR	M	STEAM BOILER	NOX	.11LB/MMBTU	B*
				STEAM BOILER	NOX	.11LB/MMBTU	B*
SOURCE TYPE CODE -- 6.27 ETHYLBENZENE/STYRENE							
AMERICAN HOECHST	TX 5252	900.00MMLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX	569.00T/YR	A*
						.18LB/MBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
				PROCESS VENTS TANKS, 10	VOC	16.00T/YR	A*
SOURCE TYPE CODE -- 6.31 FLUOROCARBONS							
DUPONT	MI 756-79		N	FREON 22 MFG	VOC	205.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.32 FORMALDEHYDE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
EXXON CHEMICAL AMERICAS	TX X3753	20000.00GAL	N	WATER TREATMENT CHEMICALS MF*			
GEORGIA-PACIFIC CORP.	NC NC-060	64400.00LB/H INPUT	N	FORMALDEHYDE PRODUCTION	CO	10.00LB/H	B*
					VOC	10.00LB/H	B*
INTERNAT. MINERALS & CHE*	PA (R)79PA10	150.00MMLB/YR	M	FORMALDEHYDE PLANT	CO	2.03LB/H	B*
					VOC	10.10LB/H	B*
				STORAGE TANK (FORMALDEHYDE)	VOC	.04LB/H	B*
				STORAGE TANK (METHANOL)	VOC	.10LB/H	B*

SOURCE TYPE CODE -- 6.36 MALEIC ANHYDRIDE

MONSANTO CO.	FL FL-055	133.00MMLB/YR	M	MALEIC ANYHYDRIDE PRODUCTION	CO	670.00LB/H	B*
					VOC	700.00LB/H	B*

SOURCE TYPE CODE -- 6.37 METHANOL

DOW CORNING CORP.	KY C-78-73		M	GRINDING, SCREENING, CONVEYI*	PM	22.00T/YR	
					VOC	60.00T/YR	
				PILOT PLANT, CHLOROSILANE	VOC	4.00T/YR	
GETTY METHANOL CORP.	DE 80DE01	100.00MMGAL/YR	N	STORAGE TANKS, METHANOL TUBLULAR REFORMER	NOX	.13LB/MMBTU	B*

SOURCE TYPE CODE -- 6.42 PAINT & VARNISH

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.42 PAINT & VARNISH — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SUN CHEMICAL CORP.	MI 351-82	3.00MMLB/YR	N	AZO RED PIGMENT MANUFACTURIN*	BE* .33UG/CU. METER	B*

SOURCE TYPE CODE -- 6.43 PHARMACEUTICAL

CHEESEBOROUGH PONDS, INC.	NY 085600-0264-00*	1260.00CF/BATCH	M	STERILIZER	ETO	.41LB/H	B*
ELI LILLY	IN EPA-5-A-81-7		N	COAL FIRED BOILER	NOX	.60LB/MMBTU	
						323.00T/YR	
					PM	.09LB/MMBTU	
						49.60T/YR	
					SO2	1.60LB/MMBTU 3H AV	
MEAD JOHNSON & CO.	IN PC(65) 1507		N	BOILERS, COAL-FIRED, 2 EA	NOX	.65LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	2.10LB/MMBTU	

SOURCE TYPE CODE -- 6.45 PHTHALIC ANHYDRIDE

ASHLAND CHEMICAL CO.	WV 78WV02	80.00MMLB/YR	M	HEATER INCINERATOR	SO2	16.00LB/H	B*
					CO	86.70LB/H	B*
					VOC	49.30LB/H	B*
KOPPERS	IL 82 05 0034		M	INCINERATOR, WASTE & REACTOR	SO2	260.00LB/H	B*
						.80% BY WT S, MAX	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.46 PROYLENE OXIDE — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ARCO CHEMICAL CO.	TX 9395		M	PLANT, PROPYLENE OXIDE	PR* 1.00T/YR	B*
					VOC 75.00T/YR	B*

SOURCE TYPE CODE -- 6.52 SULFUR RECOVERY

AMOCO PRODUCTION CO.	TX 7725	25.00T/D SULFUR	N	SULFUR RECOV. ON NAT. GAS ST*	SO2	270.00T/YR	
SPONGE, INC.	OH 13-958		N	H2S CONVERTER, SETTLING TANK*	H2S	.02LB/H	
						.26GR/100 CF	
TEXACO, INC. - PUGET SOU*	WA	50.00T/D	N	CLAUS SULFUR UNITS, 2	SO2	6.40LB/H	
						28.00T/YR	
					SO2	250.00PPM DSCF, 0% O2	N*

SOURCE TYPE CODE -- 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)

ASHLAND SYNTHETIC FUELS,*	KY PSD-KY-089	30.00T/H COAL	N	COAL LIQUIFACTION PLANT	PM	82.60T/YR	L*
					SO2	93.24T/YR	L*
ASHLAND SYNTHETIC FUELS,*	KY C79121	70400.00T/YR	N	BOILER	CO	1.00T/YR	
					NOX	6.00T/YR	
					PM	2.00LB/H	
						10.00T/YR	
					SO2	3.00T/YR	
					VOC	1.00T/YR	
				COAL DRYING	PM	.60LB/H	
						2.10T/YR	
				COAL HYD. REACTOR	SO2	90.00T/YR	
				COAL RECLAIM	PM	5.20LB/H	

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SOURCE TYPE CODE 6.53

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS	
						4.00T/YR
				COAL STORAGE	PM	1.00T/YR
				COAL UNLOADING	PM	9.00LB/H
						3.75T/YR
				CRUSHED COAL BIN	PM	4.00T/YR
				DEASHING UNIT HTRS, #501 & 5*	CO	1.00T/YR
					NOX	6.00T/YR
					PM	.40LB/H
						1.75T/YR
					SO2	9.00T/YR
					VOC	1.00T/YR
				DISTIL. FUEL TANKS	VOC	1.00T/YR
				FILTRATE HEATERS	NOX	3.00T/YR
					PM	1.00LB/H
						5.00T/YR
					VOC	2.00T/YR
				FLAKER	PM	.21LB/H
						.94T/YR
				FLARE	PM	1.00T/YR
					SO2	1.00T/YR
				HYDROGEN HEATER	CO	3.00T/YR
					NOX	2.00T/YR
					PM	.80LB/H
						3.50T/YR
					SO2	1.00T/YR
					VOC	1.00T/YR
				NAPTHA TANKS, 3	VOC	1.00T/YR
				OIL MIST ELIMINATOR	PM	8.15LB/H
						35.70T/YR
				REACTOR HEATER #201C	CO	2.00T/YR
					NOX	9.00T/YR
					PM	1.00LB/H
						5.00T/YR
					SO2	1.00T/YR
					VOC	1.00T/YR
				REACTOR HEATERS, 201A & B, T*	PM	1.00LB/H
						5.00T/YR

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SOURCE TYPE CODE 6.53

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.53 SYNFUELS/FUEL CONVERSION (NOT OIL SHALE)

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ASHLAND SYNTHETIC FUELS,* (CONTINUED)							
				RESID. OIL TANKS	VOC	1.00T/YR	
				THERMOLIQUID HEATER	CO	2.00T/YR	
					NOX	8.00T/YR	
					PM	.60LB/H	
						2.63T/YR	
					SO2	12.00T/YR	
					VOC	1.00T/YR	
DEPT OF WATER RESOURCES	CA NC-79-08	55.00MW	N	GEOTHERMAL POWER PLANT	H2S	5.00LB/H	B*
DOW CHEMICAL, INC., LOUI*	LA PSD-LA-512		N	GAS PRODUCTION, SYNTHETIC	SO2	102.20LB/H	
						17.00PPM	
				INCINERATOR, TAIL GAS, SULFU*	SO2	524.00LB/H	
PACIFIC GAS & ELECTRIC C*	CA NSR 4-4-1 NC 8*		N	POWER PLANT	H2S	7.50LB/H	B*
PACIFIC GAS & ELECT. CO.	CA NC-79-01	110.00MW	N	GEOTHERMAL UNIT 17	H2S	.12KG/H	
SACRAMENTO MUNICIPAL UTI*	CA NC-80-01	55.00MW	N	GEOTHERMAL UNIT #1	H2S	8.00LB/H	
SOURCE TYPE CODE -- 6.54 SYNTHETIC FIBERS							
CELANESE, AMCELLE PLANT	MD 78MD08-R	110000.00LB/H STEAM	N	BOILER, COAL FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*

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SOURCE TYPE CODE 6.54

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.54 SYNTHETIC FIBERS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILERS, COAL, #1 + #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*
GLOBE MANUFACTURING CO.	NC 2106R4		N	ELASTIC FIBER EXTRUDING LINES	VOC	75.00% ANNUAL AV RE*	
SPARTAN MILLS	GA 2211-124-8586	284.40MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

SOURCE TYPE CODE -- 6.55 SYNTHETIC RUBBER/RUBBER TIRES

FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*
FIRESTONE TIRE CO.	GA GA 068		M	TIRE SEALANT LINE	VOC	32.50T/YR	B*
FIRESTONE TIRE CO.	NC NC-024	27700.00LB/H INPUT	N	BOILER	SO2	106.00LB/H	B*
				TIRE PROCESS LINES	PM	11.10LB/H	B*

SOURCE TYPE CODE -- 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE

B.F. GOODRICH	KY KY 149	81000.00LB/H EDC	N	EDC/VCM MANUFACTURING	NOX	.23LB/MMBTU	B*
					VC	10.00PPM	N*
B.F. GOODRICH CHEMICAL	NJ	404.00MMLB/YR P*	M				
B.F. GOODRICH CHEMICAL	NJ	404.00MMLB/YR	M	DISPERSION RESIN LINE	VC	1350.00PPMW/YR AV	
						2000.00PPMW/D AV	
				DRYER FACILITY	PM	.02GR/SCF	S*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				MONOMER RECOVERY	VC	10.00PPM	
				REACTOR OPENING LOSS	VC	.02G/KG	
				RELIEF VALVE DISCHARGE			
				SUSPENSION RESIN PRODUCTION *	VC	400.00PPM DAILY AV	
						25.00PPM, ANNUAL AVG	
B.F. GOODRICH CO.	KY C-82-65	275000.00T/YR	M	BLEND TANKS, 3	VCM	.04LB/H	B*
						27.50T/YR	B*
				BULK PVC STORAGE SILOS, 8	PM	4.29LB/H	B*
						1.59T/YR	B*
				FLUID BED DRYERS, 2	PM	4.48LB/H	B*
						18.74T/YR	B*
				PLANT FUGITIVES	VCM	27.50T/YR	
				PVC STORAGE SILOS, 4	PM	1.84LB/H	B*
						2.59T/YR	B*
				REACTOR OPENING VENT	VCM	20.00LB/MMLB PVC	B*
FORMOSA PLASTICS	TX (R)PSD-TX-226	957.00MT/YR	M	BOILERS, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				COMPRESSOR	VOC	.09LB/H	B*
				COOLING TOWER	VOC	.18LB/H	B*
				EPC CRACKERS	NOX	.15LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				FLANGES	VOC	2.14LB/H	B*
				GAS HOLDER I	VOC	.04LB/H	B*
				GAS HOLDER II	VOC	.00LB/H	B*
				HEATERS, 2	NOX	.18LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				INCIN., 2	NOX	.12LB/MMBTU	B*
					VOC	.02LB/MMBTU	B*
				PUMPS	VOC	.14LB/H	B*
				PVC DRYERS	VOC	21.00LB/H	B*
				STARTUP/SHUTDOWN	VOC	.11LB/H	B*
				VALVES	VOC	2.10LB/H	B*
				WATER TREATMENT	VOC	.11LB/H	B*
SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	M	STEAM BOILER	NOX	.12LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.59 VINYL CHLORIDE/POLYVINYL CHLORIDE

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				STEAM BOILER	NOX	.12LB/MMBTU	B*
SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M	BOILER, 2	PM	.30LB/H	
				DRYER STACKS, 2	PM	1.60LB/H EA	
				FUGITIVE EMISSIONS			
				INCIN. STACKS, 2			
				PNEUMATIC VENTS, 7	PM	1.06LB/H EA	
				REACTOR VENT FAN			

SOURCE TYPE CODE -- 6.61 ALCOHOL FUEL PRODUCTION

ADC-I, LIMITED	NE	10.00MMGAL/YR	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.20LB/MMBTU	
AM. MODERN FOOD ENERGY S*	IA	40.00MMGAL/YR	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
				MISCELLANEOUS BAGHOUSES	PM	.00G/SCF	
				TWO BOILERS, OIL/GAS	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU NAT G*	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
ARCHER DANIELS MIDLAND	IL 81 07 0035		M	BOILER, NAT. GAS FIRED	NOX	.17LB/MMBTU	
				BYPRODUCT DRYER	NOX	.16LB/MMBTU	
CONSOLIDATED ENERGY GROU*	IA	10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
				COAL HANDLING	PM	1.12T/YR	B*
				DOGS VENT	PM	35.04T/YR	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				ENTIRE FACILITY	VOC	115.00T/YR	B*
				GRAIN HANDLING	PM	4.22T/YR	B*
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	AUXILIARY BOILER, NAT. GAS	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				COAL HANDLING #1	PM	.60LB/H	B*
				COAL HANDLING #2	PM	.05LB/H	B*
				COAL UNLOAD	PM	.30LB/H	B*
				DRYERS, 2 NAT. GAS FIRED	NOX	.11LB/MMBTU	B*
					PM	.18LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				GRAIN CONVEY, STORAGE TO TRU*	PM	.02LB/H	B*
				GRAIN PELLET CONVEY TO RR CAR	PM	.10LB/H	B*
				GRAIN PELLET COVEY TO COOLER	PM	.23LB/H	B*
				MILO INLOADING & HANDLING	PM	.88LB/H	B*
				PROCESS STM GEN, COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
				TRANSFER OF ASH	PM	.32LB/H	B*
				TRANSFER OF MILO	PM	.04LB/H	B*
				TRUCK LOADING OF BOILER ASH	PM	6.30LB/H	B*
				2 H2SO4 STORAGE TANKS	SO2	.04LB/H EA	B*
				2 TRANSFER OF MILO POINTS	PM	.16LB/H EA	B*
				3 GRAIN CONVERGING POINTS	PM	.00LB/H EA	B*
				4 MILLING OF MILO POINTS	PM	1.10LB/H EA	B*
MIDWEST SOLVENTS	IL 82 10 0034		N	ASH HANDLING	PM	.03GR/DSCF	S*
				BOILER, FLUIDIZED BED			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	S*
					SO2	1.20LB/MMBTU 30D AV	L*
						85.00% REDUCTION	L*
				FUGITIVE EMISSIONS			
NEBRASKA ALCOHOL FUEL CO*	NE	10.00MMGAL/YR	N	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.16LB/MMBTU	
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3H AV	
				OIL-FIRED BOILER	NOX	.60LB/MMBTU	
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
NEW ENGLAND ETHANOL, INC.	ME 2191	25.00MMGAL/YR	N	ASH HANDLING			
				BOILER, COAL	NOX	.70LB/MMBTU 2H AV	B*
					PM	.08LB/MMBTU	B*
					SO2	1.80LB/MMBTU	B*
				BOILER, NO. 2 OIL			
				COAL HANDLING			
				DRYER, GRAIN & SOLUBLES, DDGS	PM	4.08LB/H	B*
				MATERIAL HANDLING, CORN CLEA*			
				MATERIAL HANDLING, CORN CONV*			
				MATERIAL HANDLING, CORN UNLO*			
				ROADS & PARKING			
				STORAGE TANK, ALDEHYDE			
				STORAGE TANK, CYCLOHEXANE			
				STORAGE TANK, ETHANOL			
				STORAGE TANK, GASOLINE & DIE*			
				STORAGE TANK, OIL			
				TRUCK & RAIL TRANSFER, ETHAN*			
PEAT METHANOL ASSOCIATES	NC 4930		N	PEAT BOILER	PM	9.70LB/H	
						.03LB/MMBTU	
					SO2	153.00LB/H	
						.51LB/MMBTU	
				PEAT DRYER	PM	3.20LB/H	
					SO2	10.70LB/H	
						.20LB/MMBTU	
				SULFUR RECOVERY	SO2	23.00LB/H	
ROCK ISLAND LIQUID FUELS*	IL 61100017	20.00MMGAL/YR	N	DISTILLATION ETHANOL STORAGE	VOC	2.16LB/H	S*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.61 ALCOHOL FUEL PRODUCTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				GRAIN HANDLING & STORAGE	PM	4.53LB/H	S*

SOURCE TYPE CODE -- 6.62 OTHER CHEMICAL

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ADVANCE RESEARCH CHEMICA*	OK T84-13		N	REACTORS, BATCH, METALLIC HA*	F	40.00LB/YR	
					PM	1.00T/YR	
AEROJET STRATEGIC PROPUL*	CA 7542		M	CHEMICAL PROCESS	VOC	16.50LB/D	
AIRCO CARBIDE, DIV. OF A*	KY C-80-28	88000.00T/YR	N	ELECTRIC ARC FURNACE			
AIRCO SPEER	PA 79-PA-26		N	COKE BURNING KILN, 2	CO	.08LB/H	B*
					PM	1.74LB/H	B*
					SO2	.44LB/H	B*
				KILN, 2	CO	.08LB/H	B*
					PM	1.74LB/H	B*
					SO2	.44LB/H	B*
AIRCO SPEER	PA 80PA06	15900.00T/YR	M	GRAPHITIZING FURNACE	CO	545.00LB/H	B*
					H2S	5.30LB/H	B*
					PM	18.30LB/H	B*
					SO2	30.50LB/H	B*
					SO2	55.50LB/H	B*
AIRCO SPEER CARBON GRAPH*	LA LA-283		N	CALCINER BOILER, GAS, OIL	CO	5.70LB/H	B*
					PM	5.70LB/H	B*
					SO2	171.60LB/H	B*
				CARBOTTOM BAKING, 4	CO	.47LB/H EA	B*
					PM	17.80LB/H EA	B*
					SO2	45.13LB/H EA	B*
				COKER, OIL/GAS	CO	2.20LB/H	B*
					PM	4.40LB/H	B*
					SO2	62.86LB/H	B*

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SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CONDENSER PRIMARY TAR TANK M*	PM	.05LB/H	B*
				CONDENSER, PRIMARY PITCH TAN*	PM	.04LB/H EA	B*
				CONDENSER, SECONDARY PITCH T*	PM	.01LB/H EA	B*
				CONDENSER,PRIMARY PITCH TANK*	PM	.04LB/H EA	B*
				DUST COLLECTOR MILL, MIX AND*	PM	.69LB/H	B*
				DUST COLLECTOR MILL, MIX AND*	PM	1.37LB/H EA	B*
				DUST COLLECTOR Q.C. & I. LAB.	PM	.21LB/H	B*
				DUST COLLECTOR, FINISHING & *	PM	1.29LB/H	B*
				DUST COLLECTOR, MAINTENANCE *	PM	.13LB/H	B*
				DUST COLLECTOR, PROCESS MATE*	CO	.05LB/H	B*
					PM	1.29LB/H	B*
				DUST COLLECTOR, PROCESS MATE*	PM	1.03LB/H	B*
				FURNACE, NAT. GAS	CO	.11LB/H	B*
					PM	.11LB/H	B*
					SO2	.63LB/H	B*
				LOAD - UNLOAD	PM	.69LB/H	B*
				LOAD - UNLOAD, 4	PM	1.37LB/H EA	B*
				MONITOR GRAPHITIZING, 4	CO	1348.30LB/H	B*
					H2S	46.06LB/H EA	B*
					PM	18.50LB/H EA	B*
					SO2	44.31LB/H EA	B*
				PREHEATER COMBUSTION STACKS *			
				SCRAP CRUSHINGS	PM	1.37LB/H	B*
				SIDEBLOCK MFG.	PM	1.37LB/H	B*
				SILO VENT FILTER GRAPHITIZIN*	PM	.07LB/H EA	B*
				SILO VENT FILTER MILL, MIX &*	PM	.05LB/H EA	B*
				SILO VENT FILTER, PROCESS MA*	PM	.07LB/H EA	B*
				STACK GRAPHITIZING, 4	CO	6.65LB/H EA	B*
					H2S	15.35LB/H EA	B*
					SO2	81.09LB/H EA	B*
ALLIED CHEMICAL	LA (R)PSD-LA-104		M	BLENDER BLOWER	PM	3.00LB/H	B*
				BLENDER BLOWER	PM	3.00LB/H	B*
				BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CATALYST ACTIVATOR	PM	.12LB/H	B*
				CATALYST ACTIVATOR VENT	PM	.14LB/H	
				FEED BLOWER	PM	3.00LB/H	B*
				FEED BLOWER	PM	3.00LB/H	B*
				FUGITIVE EMISSIONS	VOC	6.30LB/H	B*
				PELLET BLOWER	PM	3.00LB/H	B*
				POWDER BLOWER	PM	3.00LB/H	B*
				PURGE FLARE	VOC	.53LB/H	B*
				REGENERATION HEATER	NOX	.20LB/MMBTU	B*
					PM	.02LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
				TRANSFER BLOWER	PM	3.00LB/H	B*
AMERICAN CHROME & CHEMIC*	TX 9212	12000.00T/YR	N	SCRUBBER #1	NA*	.50LB/H	
				SCRUBBER #2	AC*	.12LB/H	
					CL	.50LB/H	
					SO*	.14LB/H	
				SCRUBBER #3	AC*	.44LB/H	
AMERICAN HOECHST	TX 5264	220.00MMLB/YR	N	PROCESS VENTS			
				STORAGE BINS	PM	2.30T/YR	T*
						350.00UG/CU. M	T*
				STORAGE TANKS	VOC	.55T/YR	A*
ARKANSAS EASTMAN	AR (R)PSD-AR-311		M	BOILER, COAL-FIRED	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.60LB/MMBTU	B*
				COAL HANDLING SYS	PM	1.00LB/H	B*
BASF-WYANDOTTE	LA		M	STEAM BOILER	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
B.F. GOODRICH CHEMICAL G*	LA (R)PSD-LA-326	5500.00MMLB/YR (*	M	BOILER, COAL FIRED	CO	.08LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.33LB/MMBTU	B*

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SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				EDC CRACKING FURNACES	CO	.02LB/MMBTU	B*
					NOX	.14LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
				PVC SILOS, 52 EA	CO	.01LB/MMBTU	B*
					NOX	.47LB/MMBTU	B*
					PM	6.16LB/H	B*
				WASTE GAS INCIN.	CO	.00LB/MMBTU	B*
					NOX	.49LB/MMBTU	B*
					PM	4.56LB/H	B*
B.F. GOODRICH CO.	OH 1947030004			COAL FIRED BOILER	CO	.19LB/MMBTU	B*
						200.00T/YR	B*
					NOX	.70LB/MMBTU	B*
						730.00T/YR	B*
					PM	.06LB/MMBTU	B*
						63.00T/YR	B*
					SO2	1.20LB/MMBTU	L*
						1250.00T/YR	L*
B.F. GOODRICH, CHEMICAL *	KY KG-091	152.30MMBTU/H	M	COAL FIRED BOILER	PM	.03LB/MMBTU	
					SO2	1.00LB/MMBTU	
CONOCO CHEMICAL CO.	TX X-3826	18000.00BBL	N	STORAGE TANKS, 2	BE*	1.30T/YR	A*
DIAMOND SHAMROCK CORP.	NC NC 058		M	SODIUM BICHROMATIC PLANT/BOI*	PM	96.43UNKNOWN	B*
					SO2	25.00LB/MMBTU	B*
DOW CHEMICAL	TX X3873		M	PRODUCT STRIPPER	AL*	2.10T/YR	
DOW CHEMICAL CO.	LA (R)PSD-LA-393		M	TURBINE, NAT. GAS-FIRED, 2 EA	CO	.12LB/MMBTU	B*
					NOX	.44LB/MMBTU	N*
EMERY INDUSTRIES	OH OHIO 14-312		N	BOILER, COAL-FIRED	NOX	.70LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ESK CORP.	IL 79 04 0002		M	FURNACE, SILICON CARBIDE, 12	SO2 967.00LB/H	B*
				MATERIAL HANDLING & PROCESSI*	PM .02GR/DSCF	B*
					VE .00% OPACITY	
EXXON CHEMICAL	LA (R)PSD-LA-221		M	THERMAL OXIDIZERS, 2 EA	SO2 2.06LB/MMBTU	B*
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1		N	BOILERS, COAL-FIRED, 2	NOX .60LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU	
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335		M	ASH HANDLING	PM .01LB/H	B*
				BOILER	NOX .30LB/MMBTU OIL	
					.60LB/MMBTU COAL	
					PM .05LB/MMBTU OIL	
					.08LB/MMBTU COAL	
					SO2 .79LB/MMBTU OIL	
					1.69LB/MMBTU COAL	
				COAL CAR UNLOAD	PM .20LB/H	B*
				CONVEYING TRANSFER	PM .13LB/H	B*
				EROSION	PM .02LB/H	B*
				LOAD	PM .24LB/H	B*
				PILE EROSION	PM .02LB/H	B*
				PUMPING	PM .21LB/H	B*
				RECLAIMING	PM .02LB/H	B*
FERRO CHEMICAL DIV OF FE*	OH 13-956		N	BOILER	PM .17LB/H	
					.05LB/MMBTU	
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	ASH SILO	PM .23LB/H	
				BOILER, GAS/OIL	CO .04LB/MMBTU	B*
					NOX .30LB/MMBTU	N*
					PM .02LB/MMBTU	B*
					SO2 .32LB/MMBTU	B*
				BOILER, SPREADER STOKER	CO .10LB/MMBTU COAL	B*
					CO .04LB/MMBTU RESID*	B*
					CO .04LB/MMBTU DIST *	B*
					CO .02LB/MMBTU N. GAS	B*

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SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
HCC CHEMICAL CO.	(CONTINUED)				
					NOX .70LB/MMBTU COAL B*
					NOX .30LB/MMBTU RESID* N*
					NOX .16LB/MMBTU DIST * B*
					NOX .17LB/MMBTU N. GAS B*
					PM .02LB/MMBTU COAL B*
					PM .02LB/MMBTU RESID* B*
					PM .01LB/MMBTU DIST * B*
					PM .01LB/MMBTU N. GAS B*
					SO2 .32LB/MMBTU COAL B*
					SO2 .14LB/MMBTU RESID* B*
					SO2 .32LB/MMBTU DIST * B*
					SO2 .00LB/MMBTU N. GAS B*
				BOILER, WASTE GAS	NOX .20LB/MMBTU
					PM .01LB/MMBTU
				COAL BUNKER HOUSE	PM .36LB/H
				COAL CRUSHER HOUSE	PM 2.15LB/H
				COAL HANDLING	PM 5.30LB/H
ICI AMERICAS, INC.	VA 50418		M	DRYER	PM .02LB/H
				EDGE/SCRAP CONVEYOR	PM .00LB/H
				FLAKE BUNKER	PM .24LB/H
				FLAKE HOPPER	PM .42LB/H
				RECLAIM CHIP HOPPER	PM .00LB/H
				SILT/SCRAP CONVEYOR	PM .00LB/H
				SLITTER	PM .00LB/H
				STENTER CONVEYOR	
				VIRGIN CHIP BUNKER	PM .00LB/H
				VIRGIN CHIP HOPPER	PM .00LB/H
LITHIUM CORP.	NC (R)NC-075	233.90MMBTU/H	M	BOILER	NOX .70LB/MMBTU N*
MALLINCKRODT, INC	MO		M	COAL FIRED BOILER	NOX .60LB/MMBTU
					.30LB/MMBTU FUEL *
					NOX .20LB/MMBTU GAS
					SO2 2.00LB/MMBTU 30D R*
					2.85LB/MMBTU MAX/D*

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SOURCE TYPE CODE 6.62

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SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					SO2 1.20LB/MMBTU MAX/D*	
					1.20LB/MMBTU FUEL *	
					SO2 .01LB/MMBTU GAS	
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX .70LB/MMBTU	
					SO2 1.50LB/MMBTU	
MARATHON OIL CO.	WY CT-517		N	STORAGE, HCL	HCL 22.00G/CU METER	
				STORAGE,AIR SPARGE,REACTOR,H*	AC* .00G/SEC, NOTE #1	B*
					AC* .00G/SEC, NOTE #1	B*
					NH4 .00G/SEC, NOTE #1	B*
MERCK & CO., KEKO DIVISI*	CA NSR-4-4-10 SD-*		M	DUCT BURNERS, 3	NOX 3.10LB/H PER BURNER	B*
					.10LB/MMBTU	B*
				TURBINE, 3	NOX 20.00LB/H PER TURBI*	B*
					.24LB/MMBTU	B*
MEREDITH/BURDA, INC.	NC NC-064	6200.00BTU/LB	N	BOILER	PM 4.00LB/H	B*
				CHROME CYLINDER	AC* .00LB/H	B*
MOLY CORP., INC.	PA 79PA22	84.70T/D	N	ROASTER	PM 5.10LB/H	B*
					SO2 75.00LB/H	B*
MONSANTO CO.	IA	150.00MMBTU/H	M	ASH HANDLING	PM .01GR/DSCF	B*
					VE 20.00% OPACITY	B*
				BOILER B-8 SPREADER-STOKER	NOX .60LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	B*
					SO2 1.95LB/MMBTU 3H R *	B*
					VE 20.00%, 6 MIN AVG.	B*
				COAL HANDLING	PM .01GR/DSCF	B*
					VE 20.00% OPACITY	B*
MONSANTO CO.	TX PSD-TX-307		M	FLARE STACK		
				INCIN., MHA SCRUBBER STACK	SO2 11.35LB/H	
M&T CHEMICALS, INC.	KY PSD-KY-127	1000.00LB/H 2 EA	M	REACTOR, TIN TETRACHLORIDE	PM 50.00T/YR	N*

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PLAINS ELECT. GEN & TRANS	NM (R)PSD-NM-418	729.40MMBTU/H	M	TURBINE GEN, NAT. GAS-FIRED	NOX	270.00LB/H	B*
						.37LB/MMBTU	B*
					SO2	2.90LB/H	B*
						.00LB/MMBTU	B*
				TURBINE GEN, OIL AS STANDBY *	NOX	280.00LB/H	N*
						.39LB/MMBTU	N*
					SO2	156.00LB/H	B*
						.22LB/MMBTU	B*
PPG INDUSTRIES	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MBTU	B*
PROCTOR CHEMICAL CO.	NC 5096		N	ROTARY PORCUPINE DRYER	VOC	98.00% CONTROL	
						303.00T/YR	
PROCTOR & GAMBLE	GA GA 008		N	BOILER	SO2	1.00% S OIL	
				FAT CONVERSION	VOC	37.00T/YR	B*
SHELL CHEMICAL CO.	LA		N	ASBESTOS DUST COLLECTOR (1-7*	PM	4.50G/D	B*
				BARGE BUCKET UNLOADER	PM	466.40LB/D	B*
				BARGE TO STORAGE CONVEYOR	PM	127.60LB/D	B*
				BOILERS, 3 EA	CO	.06LB/MMBTU	B*
						38.00LB/H	B*
					NOX	.70LB/MMBTU	B*
						416.00LB/H	B*
					PM	.09LB/MMBTU	B*
						53.00LB/H	B*
					SO2	1.20LB/MMBTU	B*
						713.00LB/H	B*
				BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*
				BPA RESINS, STORAGE, & SHIP.	PM	2.25LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SHELL CHEMICAL CO.	(CONTINUED)						
				BPA-4 PROCESS PRILL TOWER	PM	.48LB/H	B*
				COAL DUMPING AT BOILERS USIN*	PM	16.00LB/D	B*
				COAL PILE RECLAIM CONVEYOR	PM	3.60LB/D	B*
				COAL PILE WIND EROSSION	PM	.23T/YR	B*
				ORGANIC CHLORIDE INCIN.	CO	3.20LB/H	B*
					NOX	27.80LB/H	B*
					PM	.02GR/DSCF	B*
						2.00LB/H	B*
					SO2	.00LB/MMBTU	
				PROCESS HEATERS, 3 EA	CO	.04LB/MMBTU	B*
						2.50LB/H EA	B*
					NOX	.54LB/MMBTU	B*
						35.10LB/H EA	B*
					PM	.03LB/MMBTU	B*
						1.63LB/H EA	B*
					SO2	.87LB/MMBTU	B*
						56.70LB/H EA	B*
				SLUDGE INCIN.	CO	.83LB/H	B*
					NOX	8.20LB/H	B*
					PM	.00GR/DSCF	B*
						.06LB/H	B*
					SO2	.88LB/MMBTU	B*
						8.75LB/H	B*
SMITH KLINE CORP.	PA 79PA15	600.00MET. T/YR	N	GRINDER	VE	20.00% OPACITY	B*
				2 BOILERS, EA	SO2	.20% BY WT #2 OIL	B*
						1.68MMGAL/YR OIL	B*
				2 INCINERATORS, EA	PM	2.00LB/H	B*
					SO2	3.00LB/H	B*
TENNESSEE EASTMAN CO.	TN TN 065		M	BOILER-COAL FIRED	PM	14.00LB/H	B*
					SO2	936.00LB/H	B*
				COAL GASIFICATION-FUGITIVE	PM	.00GR/SCF	B*
TENNESSEE EASTMAN CO.	TN		M	FLARES	CO	.00LB/H	B*
					VOC	.00LB/H	L*

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SOURCE TYPE CODE 6.62

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 6.62 OTHER CHEMICAL

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
UNION CARBIDE	GA GA 069		M	BOILER	SO2	418.00T/YR	
UNIROYAL CHEMICAL, DIV. *	LA LA-250		M	INCIN., WASTE	NOX	4588.80LB/D	B*
					PM	28.80LB/D	B*
					SO2	23.40LB/3H	B*
U.S. BORAX & CHEMICAL CO*	CA SE-82-02	45.00MW	M	GAS TURBINE	CO	72.00LB/H	B*
					NOX	230.00LB/H	B*
					PB	.01LB/H	B*
					PM	18.00LB/H	B*
					SO2	219.00LB/H	
					VOC	.50LB/H	B*
VELSICOL CHEMICAL CO.	TN 30-38C		M	ACID PLANT			
				BENZOTRICHLORIDE SYNTHESIS	BE*	.45LB/H	B*
				BENZYL CHLORIDE SYNTHESIS	BE*	.45LB/H	B*
					VOC	6.85LB/H	B*
				EXPANSION PLANT	BE*	1.80LB/H	B*
3M CO., CHEMOLITE	MN 23A-81-I-49		N	ABRASIVE MINERAL PROCESS	NOX	88.00T/YR MAX	B*

SOURCE TYPE CODE -- 7.3 FEED/GRAIN MILLS AND ELEVATORS

ALLEN PRODUCTS CO., INC.	PA 79PA13		M	GRAIN UNLOAD STATION	PM	1.00LB/H	B*
				GRINDING & BLENDING STATION	PM	.50LB/H	B*
BROOKPORT BARGE POINT,INC	IL C8008003	2.00MMBU/YR	N	CLEANING	PM	2.10LB/H	S*
				DRYING	PM	.84LB/H	S*
				HANDLING	PM	5.25LB/H	S*
				LOAD-OUT	PM	10.50LB/H	S*
				RECEIVING	PM	35.00LB/H	S*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.3 FEED/GRAIN MILLS AND ELEVATORS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BUNGE CORP.	MN 393A-81-I-6	30.00MMBU/YR	M	BARGE LOADOUT CONVEYOR/LOADO*	PM	31.00T/YR	B*
CARGILL, INC.	OH 08-124		N	COAL BOILER	NOX	.49LB/MMBTU	
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
CARGILL, INC.	WA N/C 2227			MATERIAL HANDLING, LOADOUT S*			
CENTRAL SOYA CO., INC.	TN 0460-10200202-*	143.70MMBTU/H	N	ASH HANDLING, COAL LIMESTONE	PM	.01GR/DSCF	L*
				BOILER, FBC, COAL FIRED	BE	.00LB/H	B*
					CO	.17LB/MMBTU	B*
					F	.00LB/H	B*
					HG	.00LB/H	B*
					NOX	.60LB/MMBTU	B*
					PB	.00LB/H	B*
					PM	.04LB/MMBTU	L*
					SO2	.44LB/MMBTU	B*
					VOC	6.30LB/H	B*
INTERSTATE GRAIN CORP.	TX 9228	2.10MMT/YR	M	ELEVATOR, GRAIN	PM	162.10T/YR	B*
MAXIM FARMS	TX C-9245	250.00T/WEEK	N	RECEIVING,GRINDING,HANDLING,*	PM	2.30T/YR	
MONTE CHRISTO GRAIN CO.	TX 9222	15000.00BU/H	N	HANDLING			
				LANDOUT SPOUTS	PM	.09LB/T	
				RECEIVING PIT, 2 EA	PM	.19LB/T	

SOURCE TYPE CODE -- 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

ANHEUSER-BUSCH, INC.	CA (R)LA-78-18		M	STEAM BOILERS, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	COAL BOILERS, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
				OIL BOILERS, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER			
					SO2	1.07LB/MMBTU	B*
COORS CO.	VA 80VA01	221.00MMBTU 3 EA	N	ASH SILO HANDLING SYS	PM	.32LB/H	B*
						5.00% OPACITY	B*
				BOILER, COAL FIRED, 3	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
					VOC	.02LB/MMBTU	B*
				COAL BUNKERS	PM	1.29LB/H	B*
						5.00% OPACITY	B*
				COAL CAR THAWING HEATER	CO	1.00LB/H	B*
					NOX	2.00LB/H	B*
					PM	.18LB/H	B*
					SO2	3.00LB/H	B*
					VOC	1.00LB/H	B*
				COAL DEAD STORAGE PILES	PM	.23LB/H	B*
						5.00% OPACITY	B*
				COAL RECEIVIN	PM	2.86LB/H	B*
						5.00% OPACITY	B*
				COAL RECLAIM FROM DEAD STORA*	PM	.46LB/H	B*
				COATING OVEN, CAN PLANT	VOC	11.00LB/H	B*
				COATING OVEN, CAN PLANT	VOC	5.00LB/H	B*
				DISTIL. SYS, STARCH BREWHOUSE	PM	.65LB/H	B*
						5.00% OPACITY	B*
				DRY SPENT GRAIN STOR. AND HA*	PM	1.64LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.4 FERMENTATION AND ALCOHOLIC BEVERAGES

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					5.00% OPACITY	B*
				FILTER MEDIA DRYER PM	.14LB/H	B*
					5.00% OPACITY	B*
				HANDLING SYS, DIATOMACEOUS E* PM	.65LB/H	
					5.00% OPACITY	
				LIME STOR. & HANDLING SYS. PM	.65LB/H	B*
					5.00% OPACITY	B*
				PELLET BULK STORAGE PM	.73LB/H	B*
					5.00% OPACITY	B*
				PNEUMATIC SYS,STARCH UNLOAD PM	1.29LB/H	B*
					5.00% OPACITY	B*
				REC. SYS, BARLEY, MALT, & RI* PM	.65LB/H	B*
					5.00% OPACITY	B*
				RICE STOR., SCREEN AND MILLI* PM	2.59LB/H	B*
					5.00% OPACITY	B*
				SCREENING & MILLING SYS, BAR* PM	.65LB/H	B*
					5.00% OPACITY	B*
				SPENT GRAIN DRYER PM	.11LB/H	B*
					5.00% OPACITY	B*
				STORAGE PILE, COAL ACTIVE PM	.46LB/H	B*
					5.00% OPACITY	B*
				STORAGE SYS, STARCH BREWHOUSE PM	1.29LB/H	B*
					5.00% OPACITY	B*
				STORAGE, COAL RECLAIM HOPPER* PM	2.86LB/H	B*
					5.00% OPACITY	B*
PAUL MASSON VINEYARDS	CA 27796		N	ENGINE, I.C. RECIPROCATING NOX	30.00PPM	B*
SCHREIER MALTING CO	WI ATT-04-80-60-0*	250000.00BU/YR	N	CONVEY & HANDLE PM	11.11LB/H	
				KILN PM	11.11LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.6 FERTILIZER PLANTS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AGRICO CHEMICAL CO.	FL FL-0016	1429.00T/D P205	M	PHOSPHORIC ACID PROD. LINE	F	.02LB/T P205	N*
AGRICO CHEMICAL CO.	FL PSD-FL-061		M	DIAMMONIUM PHOSPHATE	F	.50LB/H	N*
					PM	4.30LB/H	B*
CALIF. AMMONIA (CALAMCO)	CA SJ80-07		N	NITRIC ACID PLANT	NOX	210.00PPM	B*
						3.00LB/T 100% HNO3	B*
CONSERV, INC.	FL FL-076		M	SULFURIC ACID PLANT	AC*	12.50LB/H	N*
					SO2	333.40LB/H	N*
GARDINIER, INC.	FL PSD-FL-026	1750.00T/D H2SO4	M	SULFURIC ACID PLANT #7	AC*	10.90LB/H	N*
					SO2	291.70LB/H	
NEW WALES CHEMICALS, INC.	FL FL-072		M	SULFURIC ACID PLANT	AC*	17.20LB/H	N*
					SO2	458.30LB/H	N*
OCCIDENTAL CHEMICAL CO.	FL PSD-FL-067	420.00T/D	M	DEFLUORINIZATION UNIT	F	.04LB/T	B*
						.70LB/H	B*
USS AGRI-CHEMICALS	FL PSD-FL-064	484000.00T/YR PHOS*	M	PHOSPHORIC ACID PROD.	F	.02LB/T P205	N*
				SULFURIC ACID PROD.	SO2	40.00LB/T 100% H2SO4	N*
W R GRACE & CO	FL PSD-FL-068	115.00T/H	M	DIAMMONIUM PHOSPHATE PLANT DRYER	F	.06LB/T P205 FEED	N*
					SO2	39.00LB/H	B*

SOURCE TYPE CODE -- 7.7 STARCH MANUFACTURING

BROCK CANDY CO.	TN 0300-30201899-*	10.50T/H	M	MOGUL, STARCH	PM	.01GR/DSCF	
				DRIER-COOLER, STARCH	PM	.35LB/H	B*
CORN PRODUCTS	IL 81040028-81040*		N	DUST BIN PICKUPS	PM	1.20LB/H	L*
				DUST PICKUP-ELEVATOR & CONV.	PM	1.50LB/H	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.7 STARCH MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				FEED TRANSPORT	PM	2.00LB/H	L*
				GERM CAKE TRANSPORT	PM	1.60LB/H	L*
				GERM DRYER TRANSPORT	PM	2.30LB/H	L*
				GERM FLAKE TRANSPORT	PM	4.59LB/H	L*
				GLUTEN DRYER	PM	2.10LB/H	L*
				GLUTEN DRYER	PM	1.14LB/H	L*
				NEW FEED DRYER	PM	8.40LB/H	L*
				PELLET DUST COLLECTION SYS.	PM	1.13LB/H	L*
				STEEP VENTS	PM	.60LB/H	L*
				SUGAR LOADING STATION	PM	.39LB/H	L*
SOURCE TYPE CODE -- 7.8 SUGAR CANE PROCESSING							
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	195.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
				BOILER, NO. 6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, NO. 6 OIL	PM	.10LB/MMBTU INPUT	B*
					SO2	1.00% MAX S OIL	B*
					/E	30.00% OPACITY	B*
					VOC	2.00LB/T	S*
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*

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SOURCE TYPE CODE 7.8

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYP_ CODE: 7.8 SUGAR CANE PROCESSING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					325.00T/YR	B*
				BOILER, BAGASSE/RESIDUE, #6 *	PM .10LB/MMBTU	B*
					SO2 1.00% S OIL	B*
					VE 30.00% OPACITY	B*
SOURCE TYPE CODE -- 7.9 FATS/VEGETABLE OILS						
A.E. STALEY	IL 83 05 0091		N	BOILER	NOX .60LB/MMBTU	B*
					PM .06LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
				COAL & ASH HANDLING, STORAGE	PM .03GR/DSCF	B*
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	95.00MMBTU/H	M	WELLON TYPE A BOILER	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
OWENSBORO GRAIN CO.	KY C-81-70	360000.00T SOYBEAN*	M	BOILER, COAL FIRED, & FUEL H*	NOX .70LB/MMBTU	
					SO2 1.60LB/MMBTU	
				SOLVENT EXTRACTION SYSTEM	VOC 2.90LB HEXANE/T SO*	
					517.20T/YR	
				SOYBEAN PREP.		
QUINCY SOYBEAN	IL 83 05 0033		N	BOILER, 2	CO 200.00PPM MAX	B*
					NOX .70LB/MMBTU	B*
					PM .08LB/MMBTU	S*
					SO2 1.80LB/MMBTU	B*
				COAL & ASH HANDLING, STORAGE	PM .03GR/DSCF	S*
				FUGITIVE EMISSIONS		

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.11 FRUITS/VEGETABLES PROCESSING

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
A.E. STALEY MFG. CO.	IA		M	BOILER, COAL FIRED, 2 UNITS	NOX	.60LB/MMBTU	B*
					SO2	1.60LB/MMBTU MAX	B*
						1.20LB/MMBTU 30D AV	B*
SNACK FOODS PLANT	CA SEE NOTE		N	BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	PM	.15LB/H	
				BOILER	SO2	18.20LB/H	
				BOILER	SO2	18.20LB/H	
				BOILER	SO2	2.50LB/H	
				CORN CHIP	PM	.50LB/H	
				CORN RECEIVING & CLEANING	PM	.19LB/H	
				FLOUR RECEIVING	PM	.19LB/H	
				FLOUR SCREENING	PM	.09LB/H	
				POTATO CHIP FRYING	PM	2.90LB/H	
				SUGAR RECEIVING, STORAGE, & *	PM	.17LB/H	
				TORTILLA CHIP LINE #1	PM	.70LB/H	
				TORTILLA CHIP LINE #2	PM	.70LB/H	

SOURCE TYPE CODE -- 7.12 OTHER FOOD & AGRICULTURAL

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	COAL BOILER	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
BOONE VALLY COOP.	IA	45.00MMBU/YR	M	COAL-FIRED BOILER	NOX	.60LB/MMBTU	
					SO2	2.00LB/MMBTU	

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				MEAL COOLER	VOC .20GAL/T SOYBEAN *	
				MEAL DRYER	VOC .25GAL/T SOYBEAN *	
				MINERAL OIL SCRUBBER	VOC .07GAL/T SOYBEAN *	
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2 1.30LB/MMBTU	B*
CAMPBELL SOUP CO.	OH 0335010105		N	3 FLUIDIZED BED BOILERS		
					PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
CARGILL, INC.	SC	161.20MMBTU/H	N	BOILERS, #5 + #6	PM 29.00LB/H	B*
					SO2 326.90LB/H	B*
CENTRAL SOYA	OH 03-779	51.20MMBTU/H	N	FLUIDIZED BED BOILER	PM .02LB/MMBTU	
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 3.04LB/MMBTU	
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX 183.00T/YR	
HTC INDUSTRIES	TX 8710		N	BATCH COOKERS, 6	OD* 100.000DOR UNITS	
				GAS/OIL FIRED BOILERS, 2	CO 3.30LB/H	
					NOX .30LB/H	
					PM .75LB/H	
					SO2 5.40LB/H	
				PLANT AIR FROM 6 BATCH COOKE*	OD* 100.000DOR UNITS	
KNAPPEN VYLACTOS MOLASSES	MN 181-81-I-1		M	DRYING DRUM	PM 1.94T/YR	B*
				FLUID BED CONVEYOR		
				SETTLING CHAMBER SEPARATION *		
LAND O'LAKES INC.	MN 787U-81-I-1	12.00MMLB/YR D*	M	SPRAY DRYER (MILK POWDER)	1.00T/YR	B*
PACIFIC ADHESIVES COMPAN*	TX 6690A		N	BLOOD DRYER		
				BLOOD DRYER, DRIED BLOOD HAN*	PM 3.00T/YR	

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PRODUCERS COTTON OIL CO.	CA 1030042101	18.00BALE/H	M	#2 CLEANER MOIST AIR FAN	PM	.01GR/SCF	
				MG LINT CLEANER	PM	.00GR/SCF	
				MOTES	PM	.01GR/SCF	
				MOTES ROBBER (2ND CUT)	PM	.03GR/SCF	
				WAGON SUCTION	PM	.01GR/SCF	
RALSTON PURINA, VAN CAMP*	AS #S 83-01	850.00KW	M	I.C. ENGINE	NOX	320.00PPM AT 15% O2 19.36LB/H 2H AV	
R. J. REYNOLDS	NC	248.00MMBTU/H, *	M	ASH HANDLING	PM	.04LB/T	B*
				BOILER, PULVERIZED COAL FIRE*	BE	.00GM/MMBTU	B*
					CO	.04LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					HG	.00GM/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PB	.00GM/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
				CIGARETTE MFG	FU*	.21LB/T	B*
					PM	.25LB/T	B*
					VOC	11.63LB/T	
				COAL STORAGE PILE	FU*	.01LB/T	B*
				UNLOADING COAL FROM RAIL CARS	FU*	.11GR/T	L*
				VEHICLE TRAFFIC	FU*	7.20LB/D	
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*
SALYER GRAIN & MILLING C*	CA 8323		N	COTTON GIN	PM	17.00LB/H	
ZALOOM BROTHERS, INC.	CA 3081001		N	FINISHING	PM	11.40LB/D	
				PRECLEANER, HULLING & DRYING	PM	141.60LB/D	

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SOURCE TYPE CODE 7.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 7.12 OTHER FOOD & AGRICULTURAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 8.1 PRIMARY ALUMINUM PRODUCTION							
ALCOA	NC NC 078	180500.00T/YR	M	ANODE PRODUCTION	PM	9.00LB/H	
					SO2	13.00LB/H	
					VOC	5.00LB/H	
				POT LINE 3	CO2	1444.00LB/H	
					F	12.00LB/H	B*
					PM	26.00LB/H	B*
					SO2	321.00LB/H	B*
ALCOA	WA (R)PSD-X82-04	612.00T/D	M	POTLINES 1,2,3	SO2	3.00% S IN COKE 46.00LB/T ALUMINUM	
ALUMAX PACIFIC CORP.	OR 30-0074	220000.00T/YR	N	ANODE COKE	SO2	3.00%	B*
				ENTIRE PLANT	F	1.30LB/T MONTHLY AV	B*
						1.00LB/T ANNUAL AV	B*
					PM	5.40LB/T MONTHLY AV	P*
						5.00LB/T ANNUAL AV	P*
ARCO ALUMINUM	KY C-83-48		M	AL REDUCTION POTROOM LINES, 4	F	64.10T/YR	
					PM	1.90LB/T AL	
					SO2	358.80LB/H	
					VE	10.00% OPACITY	
				ANODE BUTTS CLEANING	PM	2.00LB/H	
				ANODE BUTTS STRIP & CRUSHER	PM	3.30LB/H	
				ANODE MIXERS, 3	PM	.54LB/H	
				ANODE ROD & STUB CLEANING	PM	1.00LB/H	
				ANODE/CATHODE MIXERS	PM	.94LB/H	
				BATH STG. BIN	PM	5.10LB/H	
				BUTTS SURGE TANKS, 2	PM	.86LB/H	
				CENTRAL BUTTS PROCESSING	PM	3.60LB/H	
				COKE BALL MILL	PM	.86LB/H	
				COKE CRUSHING	PM	1.30LB/H	

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SOURCE TYPE CODE 8.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.1 PRIMARY ALUMINUM PRODUCTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COKE FINISH & HANDLING	PM	1.20LB/H	
				COKE PACKING & CONVEYING	PM	.99LB/H	
				CYOLITE BATH CRUSHER	PM	12.90LB/H	
				ELECTRIC ARC FURNACES, 4	PM	2.80LB/H	
				FLUID COKE CONVEYING & DIST.	PM	.86LB/H	
				GREEN ANODE SCRAP STG.	PM	5.10LB/H	
				HOLDING FURNACES, 5	CO	.63LB/H	
					NOX	6.70LB/H	
					PM	.37LB/H	
					SO2	.02LB/H	
					VOC	.11LB/H	
				POT DEMOLITION	PM	8.60LB/H	
				UNREACTED ORE STORAGE, 3 TAN*	PM	.71LB/H	
					PM	.58LB/H	
					PM	1.40LB/H	
ARCO METALS CO.	KY C-83-48	72884.00T/YR	M	PRIMARY ALUMINUM REDUCTION P*	F	1.90LB/T	B*
					PM	.02GR/SCF	B*
					SO2	388.00LB/H	B*
						1700.00T/YR	B*
COASTAL ALUMINUM	SC SC-036		N	ANODE BAKE OVENS, 2 EA			
					VOC	11.77LB/H	
				WHOLE PLANT			
					PM	14.70LB/H	B*

SOURCE TYPE CODE -- 8.2 COKE PRODUCTION

AIRCO CARBIDE (DIV OF AI*	KY C-81-42	277000.00T/YR	N	PRODUCT HANDLING	PM	6.04T/YR	L*
				RAW MATERIAL HANDLING	PM	8.21T/YR	L*
				ROTARY KILN	CO	20.51T/YR	S*
					NOX	21.07T/YR	
					PM	1.33T/YR	L*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.2 COKE PRODUCTION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	243.20T/YR	B*
					VOC	35.62T/YR	
BETHLEHEM STEEL CORP.	MD 79MD03	1400000.00T/YR	M	CHARGING	PM	.00LB/T	L*
				DOORS	PM	.05LB/T	L*
				OVENS, 80	SO2	26.00LB/H	B*
				PUSHING	PM	.03LB/T	L*
						.03GR/DSCF	L*
				QUENCHING	PM	.31LB/T	L*
				STAND PIPES	PM	.30LB/T	L*
				UNDERFIRE	PM	.12LB/T	L*
						.02GR/DSCF	L*
GRANITE CITY STEEL	IL C808048	763.00T/D COKE	N	BATTERY STACK	PM	.02GR/DSCF	L*
				CHARGING			
				COKE OVENS, PUSHING	PM	.04LB/T COKE	L*
				DOORS	PM	5.00% OF OVENS	L*
				LIDS	PM	1.00% OF LIDS	L*
				OFFTAKE PIPING	PM	4.00% OF PIPING	L*
GRANITE CITY STEEL	IL 81 01 0067	790.00T/D COKE	N	BATTERY STACK	PM	.02GR/DSCF	L*
				CHARGING			
				COKE OVENS, PUSHING	PM	.04LB/T COKE	L*
				DOORS	PM	5.00% OF OVENS	L*
				LIDS	PM	1.00% OF LIDS	L*
				OFFTAKE PIPING	PM	4.00% OF PIPING	L*
INLAND STEEL CO.	IN PC(45)1445		N	COKE OVEN GAS DESULFURIZATION	SO2	.35GR/100 CF H2S	
				OVEN DOORS			
				PRE-CARBONIZATION EMISSIONS	PM	.03GR/DSCF	
						20.00% OPACITY	
				PUSHING OPERATION	PM	.02LB/T COKE	
				UNDERFIRE EMISSIONS	PM	.10LB/MMBTU	
MARTIN MARIETTA CORP.	CA (R)LA 80-03		M	CALCINING FACILITY	SO2	131.00LB/H	
						2.55LB/T GREEN COKE	

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SOURCE TYPE CODE 8.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.2 COKE PRODUCTION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PENNSYLVANIA COKE TECHNO*	WV 80WV04	210000.00T/YR	N	COMBUSTION STACK	NOX	785.00LB/H	B*
					PM	20.20LB/H	B*
					SO2	161.10LB/H	B*
				FUGITIVE TSP			
REPUBLIC STEEL CORP.	OH 13-083	760.00T/D	N	CHARGING HOLE LIDS	PM	2.00% OF LIDS	
				COKE OVEN DOORS	PM	10.00% OF DOORS	
				METALLURGICAL COKE MFG.	H2S	35.00GR/100 DSCF	
				OFFTAKE PIPING	PM	5.00% OF PIPES	
				PUSHING OPERATION	PM	.06LB/T COKE PUSH*	
				WASTE GAS STACK	PM	.03GR/SCF	
REYNOLDS METALS CO.	LA PSD-LA-502	1.52MMT/YR	M	COOLER, PRODUCT, #5	PM	2.00LB/H	
					VE	10.00% OPACITY	
				KILN, COKE CALCINING, #5	NOX	97.00LB/H	B*
					PM	42.00LB/H	B*
					SO2	2216.00LB/H	S*
					VE	20.00% OPACITY	

SOURCE TYPE CODE -- 8.3 PRIMARY COPPER SMELTING

ASARCO, INC.	WA	100000.00T/YR	M	MATL. HANDL., REVERBATORY FU*			

SOURCE TYPE CODE -- 8.4 FERROALLOY PRODUCTION

CABOT CORP.	IN PC(34)1482		N	GRIT BLAST OPERATION	PM	20.00T/YR	L*
				ROUGH GRIND	PM	20.00T/YR	L*
				SLAB CUT OFF	PM	20.00T/YR	L*

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SOURCE TYPE CODE 8.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.4 FERROALLOY PRODUCTION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 8.5 IRON & STEEL PRODUCTION							
ARMCO STEEL CORP.	MD 79MD02	95.00MT/YR MELT	M	ELECT. ARC FURNACE	PM	.01GR/DSCF	B*
						38.00LB/D	B*
BAYOU STEEL	LA PSD-LA-066	145.50MCF/H	N	DUST CONTROL	PM	9.68LB/H	
					SO2	.20LB/H	
				ELECT. ARC FURNACES, 2	PM	2.19LB/H	
					SO2	.09LB/H	
BETHLEHEM STEEL CORP.	PA 79PA07	1.20MMT/YR ST*	M	DESULFURIZATION	PM	.00GR/DSCF	B*
						.12LB/H	B*
				ELECT. ARC FURNACE	CO	140.00LB/H	B*
					PM	.00GR/DSCF	B*
						8.50LB/H	B*
				ELECT. ARC FURNACE SHOP MATERIAL HANDLING	PM	.00% OPACITY	B*
					PM	.00GR/DSCF	B*
						.55LB/H	B*
CAMERON IRON WORKS	TX TX-233		M	VAC. ARC DEGREASING/VAC. O2 *	CO	8.00LB/H VAD	B*
						700.00LB/H VOC	B*
CHAPARAL STEEL CO.	TX PSD-TX-138	800000.00T/YR	M	AUTO SHREDDING SECOND. & TER*	PM	13.00LB/H	
				AUTO SHREDER PRIMARY COLLECT*	PM	10.00LB/H	
				BILLET HEAT FURNACES, 2	CO	4.80LB/H EA	
					PM	1.90LB/H EA	
				ELECT. ARC FURNACES, 2	CO	855.00LB/H EA	
					PM	15.60LB/H EA	N*
				MELT SHOP ROOF MONITORS, 2	CO	45.00LB/H EA	
					PM	26.40LB/H EA	
FLORIDA STEEL CORP.	FL PSD-FL-074	71.00T/H	M	BAGHOUSE EFFLUENT	VE	3.00% OPACITY	
				FURNACE	CO	58.50LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	1.10LB/H	
					PM	.01GR/DSCF	
					SO2	20.00LB/H	
				SHOP ROOF-CHARGING CYCLE	VE	20.00% OPACITY	
				SHOP ROOF-TAPPING CYCLE	VE	40.00% OPACITY	
FLORIDA STEEL CORP.	TN	200000.00LB/H	N	DIRECT ARC MELTING FURNACE &*	CO	1343.70LB/H	B*
					PM	.01GR/SCF	B*
				REHEAT FURNACE	PM	16.00LB/H	B*
					SO2	193.60LB/H	B*
JONES & LAUGHLIN STEEL C*	OH 13-1158		M	DESULFURIZATION, HOT METAL L*	PM	.01GR/DSCF 16.60T/YR	
KENTUCKY ELECTRIC STEEL *	KY C8076		M	FURNACE A	PM	1.65LB/H 24.30T/YR	
				FURNACE B	PM	1.65LB/H 24.30T/YR	
LUFKIN INDUSTRIES, INC.	TX (R)PSD-TX-379	50.00T/H IRON	M	CUPOLA	CO	9.00LB/T IRON	B*
ROANOKE ELECT. STEEL CO.	VA 78VA06	40.00T/H	M	FURNACE, ELECT. ARC, UNIT #4	PM	.01GR/SCF	N*
STD SLAG CO., REPUB. STE*	OH 13-1005		M	SLAG COOLING	H2S	.22LB/T SLAG	
					PM	.50LB/T SLAG	B*
THE TIMKEN CO.	OH 1576051246	1.10MMT/YR	N	BILLET GRINDERS, 6 EA	PM	.02GR/DSCF	
				BOILERS, 3 EA.	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				CONTINUOUS CASTER	PM	.01GR/DSCF	
				DEGASSER-REFINER	PM	.01GR/DSCF	
				ELECT. ARC FURN	CO	.90LB/T STEEL	
					PM	.01GR/DSCF	
				HOT SCARFING	PM	.01GR/DSCF	
				LADLE DRYER	PM	.02LB/MMBTU	

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SOURCE TYPE CODE 8.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.5 IRON & STEEL PRODUCTION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
THE TIMKEN CO.	(CONTINUED)						
				LADLE PREHEATER	NOX	.25LB/MMBTU	
				MELT SHOP BINS AND TRUCK DUMP	PM	.01GR/DSCF	
				MERCHANT MILL FURNACE	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				REHEAT FURNACE	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				SOAKING PITS	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				TUBE MILL	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
				TUNDISH PREHEATER	CO	.04LB/MMBTU	
U.S. STEEL/DUQUESNE WORKS	PA 78PA18	500.00MLB/H	M	IRON DESULFURIZATION FACILITY	PM	4.80LB/H	B*
YORK-HANNOVER SEAMLESS T*	AR PSD-722-AR	1026.00T/D	N	ELECTRIC ARC FURNACE	CO	15.80LB/H	
					PM	.01GR/SCF	
				MANDREL MILL	PM	6.61LB/H	
				RAW MATERIAL HANDLING	PM	.24LB/H	
YOUNGSTOWN STEEL CORP.	OH 0250090622/02-*		N	EAF & CONTINUOUS CASTER	PM	.01GR/DSCF	N*

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SOURCE TYPE CODE 8.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.8 SECONDARY ALUMINUM

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ALRECO METALS CO.	MI 342-344-81		N	FURNACE, AL HOLDING	SO2 .52LB/MMBTU	
				FURNACE, AL REVERB., 3 EA	CL 3.00MG/CU METER	
					F 2.50MG/CU METER	
					PM .03LB/MLB EXHAUST	
					SO2 .52LB/MMBTU	
				SHREDDING OPERATION & DRYER	PM .04LB/MLB EXHAUST	
ALUMINUM CO. OF AMERICA	OH P104	10500.00T HYDRAUL*	N	HYDRAULIC PRESSES	PM 1.20LB/H .00GR/DSCF	
BARMET OF KENTUCKY, INC.	KY C-83-039		M	CRUSHER, DROSS	PM 30.00LB/H 86.00T/YR	
CONSOLIDATED ALUMINUM CO*	TN	44000.00LB/H	N	COIL COATING LINE	VOC .60LB/GAL COATING	L*
				COLD MILL	VOC 19.70LB/H	L*
				DELACQUERING KILN & ELECT. F*	PM .02GR/SCF	B*
GMC, CENTRAL FOUNDRY DIV	IN PC(47)1486		N	ELECT. INDUCTION AL. MELTING*	PM 13.00T/YR	
				SAND BLAST SYS.	PM 16.00T/YR	
GREATER TENNESSEE METALS*	TN	15000.00LB/FURNACE	N	ROTARY FURNACE, 2	PM 4.40LB/H EA	B*
					SO2 3.10LB/H	B*
GULF COAST CHEMICALS, IN*	TX C-9183	1.50T/H	N	REVERBERATORY FURNACE #1	NOX .88LB/H	
					PM 2.90LB/H	
KAISER ALUMINUM & CHEMIC*	IN PC (47) 1481		N	DELACQERING DRYER	PM 7.00LB/H	
				OXIDE DRYER ROTARY FURNACE	PM .80LB/H	
				SALT DRYER SHREDDING OPERATION	PM 2.97LB/H	
MARTIN MARIETTA OF KENTU*	KY C-79-4	150000.00LB/H CAST*	M	AL SCRAP RECYCLING SCHREDDER	PM 9.64LB/H .64LB/T SCRAP	
				DROSS COOLING	PM 1.20LB/H .71LB/T DROSS	

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SOURCE TYPE CODE 8.8

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.8 SECONDARY ALUMINUM — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MARTIN MARIETTA OF KENTU*	KY C-77-71	150000.00LB/H CAST*	M	FURNACE, MELT & HOLD, 3 EA	PM	79.23LB/H 44.30T/YR	
MARTIN MARIETTA OF KENTU*	KY C-79-4	150000.00LB/H CAST*	M	HOLDING FURNACES, 6	NOX PM SO2	16.90LB/H 11.74LB/H 54.30LB/H	
				INDUCTION FURNACES, 6	PM	7.14LB/H	
MARTIN MARIETTA OF KENTU*	KY C-77-71	150000.00LB/H CAST*	M	MILL, ROLLING	PM	1.47LB/H 6.40T/YR	
				PAINTING, 2 LINES	VOC	125.93LB/H 205.70T/YR	
MARTIN MARIETTA OF KENTU*	KY C-79-4	150000.00LB/H CAST*	M	REVERB	NOX PM SO2	3.10LB/H 2.33LB/H 10.10LB/H	
				REVERBS, 3	PM SO2	79.23LB/H 96.90LB/H	
METAL RESOURCES, INC.	TN		N	CRUSHING, SCREENING, & BALL * ROTARY FURNACES, 4	PM PM SO2	4.10LB/H 4.60LB/H 21.30LB/H	B* B*
WILMER PROCESSING DIV.	WI NAA-04-80-5[illegible]0*		N	ROTORY FURNACES VIBRATING SCREEN	PM PM	1.00LB/H 1.00LB/H	L* L*

SOURCE TYPE CODE -- 8.11 GRAY IRON FOUNDARIES

AMERICAN MANUFACTURING C*	TX 13867	20.00T/H	M	FURNACE, INDUCTION, 2 EA	CO NOX PM	.10T/YR .40T/YR 10.50T/YR	B* B* B*
BRILLION IRON WORKS	WI ATT-04-80-08-0*		N	BONDING ADDING SYS.	PM	.01GR/SCF	

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SOURCE TYPE CODE 8.11

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.11 GRAY IRON FOUNDARIES

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				POURING AREA EXHAUST	PM	.01LB/MLB GAS	
				SAND HANDLING	PM	.02GR/SCF	
				WET COLLECTOR EXHAUST	PM	.02GR/SCF	
CYCLONE IRON FOUNDRIES	TX 8340	3.00T/H	N	CASTING CLEANING	PM	.80LB/H	
				INDUCTION FURNACE	PM	.20LB/H	
				SAND SHAKEOUT	PM	6.80LB/H	
				SAND STORAGE	PM	.50LB/H	
DANA CORP.	IN PC(70)1489		N	RBC INDUCTION MELTING FURNAC*	PM	9.00T/YR	
				SAND HANDLING	PM	1.00T/YR	
FORD MOTOR CO., CASTING *	OH 13-1135		N	CONVEYOR, MOLD BASEMENT REFU*	PM	.03GR/DSCF	
FORD MOTOR CO., CLEVELAN*	OH 13-1063		N	DESULFURIZATION UNIT, GRAY I*	PM	.02GR/DSCF	B*
LULING IRON FOUNDRY	TX PSD-TX-272	1.30T/H	N	INDUCTION FURNACE	PM	.23LB/H	
					PM	.10LB/H	
					PM	.03LB/H	
					PM	.01LB/H	
					PM	5.70LB/H	
LYNCHBURG FOUNDRY	VA 79VA02	13.00T/H	N	# 115 DOWNDRAFT TABLES & GRI*	PM	.37LB/T PROC. WT.	B*
						4.81LB/H	B*
				BLAST MACHINES #111 & 112	PM	.15LB/T PROC. WT.	B*
						1.05LB/H	B*
				BLAST MACHINES #113 & 114	PM	.16LB/T PROC. WT.	B*
						.96LB/H	B*
UNIVERSAL FOUNDRY CO.	WI MAN-04-80-71-0*		N	GAS FIRED PREHEATING FURNACE	PM	.04LB/MLB GAS	L*
				HOLDING FURNACE	PM	.04LB/MLB GAS	L*
				ROTORY SHAKEOUT MACHINE, 2 EA	PM	.04LB/MLB GAS	L*
				SAND HANDLING SYS.	PM	.04LB/MLB GAS	L*
VERMONT CASTINGS	VT		N	CUPOLA FURNACE	CO	47.00LB/H	
						2000.00PPM	
					PM	1.00LB/H	

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SOURCE TYPE CODE 8.11

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.11 GRAY IRON FOUNDARIES — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
VERMONT CASTINGS	(CONTINUED)						
WAUPACA FOUNDRY PLANT #2	WI WAA-06-80-69-99		M	CUPOLA	PM	6.47LB/H	
W-K-M VALUE DIV. OF ACF *	TX PSD-TX-288	300.00MOLDS/H	M	BLOWER STACK	PM	5.00LB/H	
				BLOWER STACK	PM	.50LB/H	
				OVENS, 2	PM	.55LB/H EA	
SOURCE TYPE CODE -- 8.12 SECONDARY LEAD SMELTING							
HAMMOND LEAD PROD., HALS*	IN 665 & 676			LITHARGE HANDLING	PM	.20LB/H	L*
				MATL. BLENDING	PM	.05LB/H	L*
P.B. CO.	IN PC(43)1488		M	ROTARY FURNACE	PM	5.00T/YR	
SOURCE TYPE CODE -- 8.13 SECONDARY MAGNESIUM SMELTING							
ALLIED CHEMICAL CORP.	DE 80DE02	78800.00T/YR MGO	M	REGEN FACILITY,MGO			
SOURCE TYPE CODE -- 8.14 STEEL FOUNDARIES							
ABEX CORP.	PA 79PA03	260.00MT/YR	M	ARC FURNACES	CO	14.80LB/H	B*
					PM	1.55LB/H STACK, EA*	B*
				CORE BAKING	PM	.13LB/H	B*

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SOURCE TYPE CODE 8.14

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.14 STEEL FOUNDARIES — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CORE MAKING	PM	.12LB/H	B*
				GRAPHITE MACHINING	PM	.05LB/H	B*
				METAL POURING	PM	.29LB/H	B*
				MOLD SPRAYING	PM	.05LB/H	B*
				SAND HANDLING	PM	.70LB/H W/O RECLA*	B*
						3.62LB/H WITH RECL*	B*
				WHEEL CLEANING	PM	1.02LB/H	B*
				WHEEL PEENING	PM	.29LB/H	B*
				WHEEL PICKOUT	PM	.56LB/H	B*
INTERNAT. METALS RECLAMA*	PA 78PA11	41.00MT/YR	N	ELECT. ARC FURNACE	PM	6.50LB/H	B*
				MILL SCALE PREPARATION	PM	.86LB/H	B*
				PELLET DRYER	PM	.15LB/H	B*
				PNEUMATIC UNLOAD	PM	.06LB/H	B*
				ROTARY HEARTH FURNACE	PM	2.40LB/H	B*
				ROT. HEARTH FURN. FEED. PREP.	PM	.41LB/H	B*
K O STEEL CASTING, INC.	TX C6789	4.00T	N	ELECTRIC ARC FURNACE	NOX	.60LB/H	
						1.20T/YR	
					PM	3.10LB/H	
						6.40T/YR	
STRUCTURAL METALS, INC.	TX 8248	60.00T/H	N	ELECTRIC ARC FURNACES	CO	3.10LB/H	
						13.50T/YR	
					PM	17.10LB/H	
						75.00T/YR	
TEXAS ELECTRIC STEEL CAS*	TX C-9130	10.00T	N	AOD FURNACE	NOX	2.30LB/H	
					PM	2.60LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.16 STORAGE BATTERY PRODUCTION/RECLAMATION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
BULLDOG BATTERY	TX C-9080	5.60T/D LEAD *	N	FORMATION	H2*	1.80T/YR	
				GRID CASTING	PB	.05T/YR	
					PM	.10T/YR	
				LEAD OXIDE STG. & PLATE PAST*	PB	.01T/YR	
					PM	.01T/YR	
				PLATE LUG CLEANING	PB	.02T/YR	
				3 PROCESS OPERATION	PB	.08T/YR	
					PM	.16T/YR	
HOUSTON SCRAP METAL CO.	TX 14569	500.00BATTERIES*	N	RECYCLING, BATTERY	PB	.50T/YR	B*
SOURCE TYPE CODE -- 8.17 LEAD OXIDE AND PIGMENT PRODUCTION							
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	HEAT BOILER, FUEL OIL, NATUR*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
POWERLAB, INC.	TX R-7644	28957.00T/YR	M	LITHARGE REACTORS	LE*	.70T/YR	
SOURCE TYPE CODE -- 8.19 ORE CRUSHING AND GRINDING							
NATIONAL STEEL PELLET CO.	MN 62-81-I-9		M	PELLET CONCENTRATOR MILL LIN*	PM	3.30T/YR	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.22 OTHER METALLURGICAL PROCESSES — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AIRCO CARBON	NY		M	CARBOTTOM BAKE/REBAKE ELECTR* GRAPHITE KILN	CO	.04LB/H	B*
ATLAS MINERALS	UT MAJ 110382-2T	300.00LB/H	M	V2O5 FUSION FURNACE	PM	.02GR/DSCF	
CUYAHOGA SMELTING & PROC*	OH 13-931		M	DROSS CHARGING & WASHING	PM	.03GR/DSCF	
					PM	.03GR/DSCF	
						.77LB/DT	
				DRYING	PM	.68T/YR	
DAYTON WALTHER CORP.	KY C-82-24			BARRAL BLAST	PM	12.78LB/H	
						23.00T/YR	
				PRE-HEATER-NG, 2 FURNACES	PM	20.00LB/H	
						36.00T/YR	
				RETURN SAND SYSTEM	PM	1.46LB/H	
						2.62T/YR	
				SAND HANDLING	PM	6.88LB/H	
						12.40T/YR	
FUSION INC.	TX X-3715		M	HARD CHROME PLATING	CR*	.50LB/H	
LAKE SIDE SLAG	IL C80 05 049		M	HAUL ROAD PLANT ROADS PRIMARY & SECONDARY CRUSHERS* STOCKPILES			
LEVIN FIXTURE CORP.	TX X-4027		M	ACID CLEANING TANK	H2*	.81LB/H	
				BOILER	CO	.14LB/H	
					NOX	1.84LB/H	
					PM	.12LB/H	
				CHROME PLATING TANK NICKEL PLATING TANK OVEN	AC*	.02LB/H	
SMITH INTERNATIONAL, INC.	NV	156600.00LB/MONTH	N	ATTRITION MILLS, 6 EA	HE*	40.00T/YR	B*
SUPERIOR GRAPHITE	KY C-79-72	36000.00T/YR	M	COKE HANDLING	PM	5.40LB/H	

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SOURCE TYPE CODE 8.22

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 8.22 OTHER METALLURGICAL PROCESSES — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						16.80T/YR	
				GRAPHITE FURNACE, 2	PM	5.60LB/H	B*
						23.40T/YR	B*
					SO2	11.40LB/H	B*
						47.90T/YR	B*
				MATERIAL, PRODUCT LOADING	PM	8.44LB/H	
						35.47T/YR	
				PRODUCT HANDLING			
TRINITY INDUSTRIES INC	TX 8524		N	RAIL CAR SHOT BLASTING	PM	.01GR/ACF	
WISCONSIN CENTRIFUGAL	WI MAN-12-DFS-82-*		M	CASTING MACHINE	PM	.01GR/DSCF	L*
				INDUCTION FURN., 3, HOLD. FU*	PM	1.30LB/T	L*
						.01GR/DSCF	L*
				INDUCTION FURN., 6, MELT. FU*	PM	1.30LB/T	L*
						.01GR/DSCF	L*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	INDUCTION FURNACES, 2	PM	1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	INDUCTION FURNACES, 2	PM	1.30LB/T	A*
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	3.00T/H	M	VERTICAL CASTING MACHINES, 2	PM	.00LB/H	
WISCONSIN CENTRIFUGAL IN*	WI MAN-12-DFS-82-*	6900.00LB/H	M	VERTICAL CASTING MACHINES, 2	PM	.00LB/H	L*
WISCONSIN CENTRIFUGAL, I*	WI MAN-12-DFS-82-*		M	STACK 858 --- SEE NOTE	PM	2.57LB/H	
						.01GR/DSCF	
					VE	20.00% OPACITY	

SOURCE TYPE CODE -- 9.1 ASPHALT BATCHING PLANTS

ALBANY	WI MAA-03-80-23-0*		N	ASPHALT MIX	PM	.04GR/DSCF	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
ASPHALT PRODUCTS CORP.	SC PSD-SC-030	220.00T/H	N	ASPHALT PLANT	PM	53.00LB/H	B*
BERKS PRODUCTS CORP.	PA 79PA16	250.00T/H MAX	N	DRUM MIX ASPHALT PLANT	PM	6.01LB/H	B*
						.04GR/DSCF	B*
B.C.R. PAVING CO.	OH 07-106			PLANT, ASPHALT DRUM DRYER	PM	.04GR/DSCFM	N*
					VE	20.00% OPACITY	
B.R. AMON & SONS, INC.	WI ATT-05-80-65-0*	347.00T/H	N	DRUM MIX PLANT	PM	.04GR/DSCF	
E.E. MOORE PAVING, INC.	WV 79WV02	120.00T/H	N	HOT MIX ASPHALT PLANT	PM	.03GR/DSCF	N*
						5.80LB/H	N*
E.J. BRENEMAN INC.	PA 79PA08	300.00T/H	N	DRUM MIX ASPHALT PLANT	PM	.01GR/DSCF	B*
						2.60LB/H	B*
FRANCIS O. DAY CO., INC.	MD 78MD10	200.00T/H	N	ASPHALT PLANT	PM	.03GR/DSCF	B*
						8.70LB/H	B*
GENNARO ASPHALT CO.,INC	OH PTI 02-793	400.00T/H	N	DRUM MIX ASPHALT CONCRETE PL*	PM	.04GR/DSCF	N*
HIGHWAY PAVERS, INC.	WI ATT-04-80-41-0*	414.00T/H 5% H2O	N	MIX PLANT	PM	.04GR/DSCF	
INDIANHEAD BLACKTOP INC	WI (R)MIA-10-KAM*		N	ASPHALT MIX	CO	5.58T/YR	
					NOX	5.58T/YR	
					PM	5.40T/YR	N*
					SO2	110.21T/YR	
					VOC	27.90T/YR	
IVERSION CONSTRUCTION CO*	WI ATT-04-80-22-0*		N	FUGITIVE DUST MIX PLANT	PM	.04GR/DSCF	
J.F. CLECKLEY & CO.	SC PSD-SC-029	250.00T/H	N	ASPHALT	PM	42.00T/YR	B*
					SO2	110.00T/YR	
J.H. RUDOLPH & CO., INC.	IN EPA-5-A-80-13			ASPHALT BATCH PLANT	PM	.04GR/DSCF	

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
KEOWN SUPPLY CO.	TX 8781	230.00T/H	N	DRUM MIXER	PM 9.00LB/H	
					SO2 8.00LB/H	
KOKOSING MATERIALS, INC	OH 0342000022P001		N	ASPHALT CONCRETE PLANT	PM .04GR/DSCF	N*
L.A. REYNOLDS	NC NC-053	130.00T/YR HOT *	N	ROTARY DRYER	PM 25.20T/YR	B*
MATHY CONSTRUCTION CO.	WI MIA-CWB(DLJ)-8*	495.00T/YR		DRUM MIX ASPHALT PLANT	PM .04GR/DSCF	N*
MATHY CONSTRUCTION CO. P*	WI MAA-03-80-42-0*		N	MIX PLANT	PM .04GR/DSCF	
MILLCREEK TOWNSHIP	PA 79PA05	40.00T/H	N	DRUM MIX ASPHALT PLANT	PM .04GR/DSCF	B*
					20.00% CAPACITY MAX	B*
MILLER ASPHALT PRODUCTS,*	MD 79MD01	200000.00T/YR	N	PLANT	PM .03GR/DSCF	B*
					6.80LB/H	B*
MORGANTOWN ASPHALT CO.	WV 79WV05	366.00T/H	N	ASPHALT BATCH PLANT	PM .04GR/DSCF	B*
					13.63LB/H	B*
M.A. LAYMAN & SONS	VA 79VA06	240.00T/H	M	HOT MIX ASPHALT PLANT	PM .04GR/DSCF	B*
					7.30LB/H	B*
					SO2 2.00% S FUEL BY WT	B*
PAYNE & DOLAN INC.	WI (R)MIA-IRS-82*	400.00T/H	N	ASPHALT MIX	CO 14.17T/YR	
					NOX 170.30T/YR	
					PM 48.36T/YR	N*
					SO2 90.22T/YR	
					VOC 2.63T/YR	
PAYNE & DOLAN INC., WAUK*	WI ATT-04-80-20-0*	300.00T/H	N	FUGITIVE DUST		
					SO2 .50	
				MIX PLANT	PM .04GR/DSCF	
REIN, SCHULTZ, & DAHL	WI (R)MIA-10-DLJ*		N	ASPHALT MIX	CO 41.60T/YR	
					.40T/YR ACTUAL	
					NOX 39.00T/YR	

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.40T/YR ACTUAL	
					PM	18.56T/YR	
						.05T/YR ACTUAL	
					PM	.04GR/DSCF	
					SOX	83.10T/YR	
						.80T/YR ACTUAL	
					VE	20.00% OPACITY	
					VOC	219.00T/YR	
						2.00T/YR ACTUAL	
RGK INDUSTRIES	NC NC-062	300.00T/YR HOT *	N	ASPHALT	PM	36.00T/YR	B*
ROCKROAD OF WISCONSIN	WI MIA-10-KJC-82-*	400.00T/H	N	ASPHALT MIX	NOX	8.40T/YR	
					PM	8.90T/YR	
						.40GR/DSCF	
					PM	20.00% OPACITY	
					SOX	12.60T/YR	
ROONEY RASMUSSEN CO.	UT	210.00T/H	N	ASPHALT PLANT	PM	.04GR/DSCF	B*
					VE	20.00% OPACITY	
STEELSTONE	ME	150.00T/H	N	AGGREGATE HANDLING & ROADS ASPHALT BATCHING ROADS	PM	.04GR/DSCF	N*
STEELSTONE INDUSTRIES, I*	ME 2174		N	MATERIAL HANDLING, AGGIEGATE PADS PLANT, DRUM ASPHALT MIX	PM	.04GR/DSCF	B*
						100.00LB/D	B*
					VE	20.00% OPACITY	
STORY ASPHALT-PAVING	AL AL-076	100.00T/H	N	ASPHALT BATCH 1	PM	.04GR/DSCF	N*
SUPERIOR SAND & ASPHALT *	WV 78WV01	250.00T/H	N	ASPHALT PLANT	PM	.04GR/DSCF	B*
						11.00LB/H	B*
SYKESVILLE CONSTRUCTION *	MD 78MD02	158.00T/H	N	PLANT	PM	7.30LB/H	B*

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SOURCE TYPE CODE 9.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.1 ASPHALT BATCHING PLANTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.03GR/DSCF	B*
THE HORVITZ CO.	OH 13-945	400.00T/H	N	HOT ASPHALT CONCRETE DRUM MI*	PM	.04GR/DSCF	B*
				HOT ASPHALT CONCRETE DRUM MI*	VE	20.00% OPACITY	
TRI-STATE ASPHALT CORP.	OH 06-669		N	BARBER-GREENE DM-66 ASPHALT *	PM	.04GR/DSCF	
WINDSOR SERVICES, INC.	PA 79PA06	185.00T/H	N	PLANT	PM	6.13LB/H	B*
ZARLENGO BROS., INC.	PA 79PA25	110.00T/H	N	ASPHALT BATCH PLANT	PM	.04GR/DSCF	B*
						4.50LB/H	B*

SOURCE TYPE CODE -- 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS

D. M. STEWARD CO.	TN 23-C,24-C,25-C		N	#1 SILO BIN VENT	PM	9.60LB/H	B*
				#2 SILO BIN VENT	PM	9.60LB/H	B*
				#3 SILO BIN VENT	PM	4.90LB/H	B*
GEORGIA KAOLIN CO.	GA (R)PSD-GA-073	281000.00T/YR		BAUER MILLS	PM	.02GR/DSCF	B*
				SPRAY DRYER	PM	.02GR/DSCF	B*
INTERNATIONAL AMERICAN C*	OK T81-14	130.00T/D	N	BISQUE DRYER	PM	.65LB/H	B*
				DRYER/KILNS	NOX	40.80T/YR	
				RAW MATERIALS PREP	PM	4.60LB/H	B*
				SPRAY DRYER	PM	4.60LB/H	B*
				TILE KILNS	PM	.65LB/H	B*
JOHNS BRICK & TILE CORP.	TX C-9042	50.00T/H	N	GRINDING SYSTEM	PM	2.50LB/H	
				TUNNEL KILN STACK	CO	1.00LB/H	
					NOX	6.00LB/H	
					PM	.50LB/H	
					SO2	3.00LB/H	
					VOC	.20LB/H	

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SOURCE TYPE CODE 9.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.2 BRICKS, CERAMIC, AND RELATED CLAY PRODUCTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
KAISER REFRACTORIES NATI*	CA (R)NCC 80-01		M	DOLORNILE KILNS, #3	NOX	192.00LB/H	
					SO2	61.10LB/H	
				DOLORNILE KILNS #1	NOX	79.70LB/H	
					SO2	41.90LB/H	
				DOLORNILE KILNS #2	NOX	79.70LB/H	
					SO2	41.90LB/H	
MILCHEM	AR (R)PSD-AR-144		N	HANDLING/STORAGE	PM	1.00LB/H	B*
				RAILCAR LOADOUT	PM	1.00LB/H	B*
				ROTARY DRYER	PM	4.20LB/H	B*
SOURCE TYPE CODE -- 9.3 REFRACTORIES							
JOHN MANSVILLE SALES CORP	TX PSD-TX-263			BOILER, 2	PM	.06LB/H	
				DOLOMITE LIME STORAGE			
				FIBER PROD. UNIT	PM	3.53LB/H	
				FIBER PROD. UNIT	PM	2.10LB/H	
				FIBER PROD. UNIT	PM	3.10LB/H	
				FIBER PROD. UNIT	PM	2.35LB/H	
				LIMESTONE STORAGE SILOS, 2			
				MATL STORAGE, AL STORAGE SILO	PM	.01LB/H	
				SILICA STORAGE SILO	PM	.01LB/H	
KAISER REFACTORIES	CA (R)NCC 80-02		M	KILNS, #1,2,3	NOX	515.00LB/H TOTAL	
SOURCE TYPE CODE -- 9.4 PORTLAND CEMENT MANUFACTURING							
ALAMO CEMENT CO.	TX 9076	160.00T/H	N	COOLER & AIR SLIDE, 2 EA	PM	2.60T/YR	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				MATERIAL HANDLING, RAILCAR L*	PM	5.30T/YR	B*
				MILL, DRAFT VENT, 2 EA	PM	14.50T/YR	B*
				SILO, CEMENT WITHDRAWAL, 6 EA	PM	5.30T/YR	B*
				SILO, CEMENT, 6 EA	PM	1.30T/YR	B*
				SILO, CLINKER, 2 EA	PM	4.80T/YR	B*
				SILO, GYPSUM, 2 EA	PM	2.60T/YR	B*
CALIF. PORTLAND CEMENT CO	CA (R)SJ-78-73		M	CLINKER COOLER	PM	21.00LB/H	B*
				CLINKER TRANSFER			
				COAL MILL FOR KILN			
				COAL MILL FOR PREHEATER			
				CONVEYOR & TRANSFER, ADDITIV*			
				CONVEYORS & TRANSFER			
				CONVEYORS, CLINKER COOLER			
				DUMP HOPPER RECLAIM, ADDITIV*			
				HOMOGEN. SILOS RECLAIM			
				HOMOGEN. SILOS, FEED SYS			
				HOMOGEN. & KILN, ROLLER MILL			
				KILN FEED			
				MILLS & SCREENS			
				PRECALCINER - KILN			
					PM	36.00LB/H	B*
					SO2	616.00LB/H	B*
				PRIMARY CRUSHER	PM	5.00LB/H	B*
				PROD. CONVEYOR, ROLLER MILL			
				PULVERIZER			
				RECLAIM CONVEYORS, ADDITIVES*			
				RECLAIM & CONVEYORS, LIMESTO*			
				ROLLER MILL & FEED, ROLLER M*			
				SAMPLE SYS, SURGE SILO			
				SAMPLE SYS, SURGE SILO RECLA*			
				SILOS RECLAIM, ROLLER MILL			
				SILOS, ROLLER MILL			
				STORAGE BLDG & STACKER, LIME*			
				STORAGE BUILDING, ADDITIVES *			
				TRUCK DUMP HOPPER, ADDITIVES*			

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
CREOLE CORP.	CA (R)SE-78-09	1.10MMT/YR	N	CLINKER COOLER	PM 10.20LB/H	
					.01GR/DSCF EA	
				INPLANT ROADS		
				OTHER PM POINT SOURCES	PM .02GR/ACFM	
				PREHEATER/KILN MILL (2)	NOX 213.00LB/H	
					175.00PPM AT 10%O2	
					PM 23.70LB/H	
					.02GR/DSCF EA	
					SO2 78.30LB/H	
					46.00PPM AT 10% O2	
					SO2 266.00LB/H	
					156.00PPM AT 10%O2	
				QUARRY HAUL ROADS	PM 10.00% OPACITY	
				RAW MATL. HANDLING & CONVEYI*	PM 10.00% OPACITY	
				RAW MATL. & COAL STOCKPILES		
DAL-TEX CEMENT	TX C-8996	2900.00T/D	N	CEMENT KILN		
					PM .30LB/T FEED	N*
				COAL HANDLING		
					VE 20.00% OPACITY	N*
				FINISH MILLS	PM 78.00T/YR	
DIXIE CEMENT CO.	TN		N	CLINKER COOLER	PM 15.87LB/H	B*
				KILN	NOX 110.00LB/H	B*
					PM .30LB/T KILN FEED	
					33.09LB/H	
					SO2 4.16LB/H	
FLORIDA CRUSHED STONE	FL FL-090	362.00MW	N	BOILER, FURNACE	NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 .90LB/MMBTU	
					915.00LB/H MAX	
					VE 20.00% OPACITY MAX	
				COAL HANDLING	VE 10.00% OPACITY MAX	
				COAL STORAGE, BIN	VE 5.00% OPACITY MAX	
FLORIDA CRUSHED STONE	FL FL-091	600000.00T/YR	N	COOLER, CLINKER	PM .10LB/T KILN FEED	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				DRYER, RAWMILL	VE	10.00% OPACITY, MAX	
				KILN	NOX	2.90LB/T DRY FEED	
					PM	.30LB/T DRY FEED	
					SO2	.60LB/T DRY FEED	
				KILN, COOLER	VE	10.00% OPACITY, MAX	
				PLANT, ALL OTHER EMISSION PO*	VE	5.00% OPACITY, MAX	
FLORIDA MINING & MATERIA*	FL FL-063	108.00T/H	M	CLINKER COOLER	PM	.07LB/T KILN FEED	B*
				KILN, ROTARY, #2	PM	.20LB/T FEED	B*
IDEAL BASIC CEMENT	UT MIN 042582-.INT	100000.00T/YR	N	CEMENT BINS	PM	.02GR/DSCF	
					VE	20.00% OPACITY	
KAISER CEMENT & GYPSUM C*	CA SFB-78-03	1.60MMT/YR	M	CLINKER COOLER	PM	5.30LB/H	
						.01GR/DSCF	
				KILN COAL SYS	PM	3.50LB/H	
						.02GR/DSCF	
				KILN-MILL, #1 & 2	NOX	1158.00LB/H	B*
					PM	18.00LB/H	
						.02GR/DSCF	
					SO2	481.00LB/H	B*
						165.00PPM	B*
				PRECALCINER COAL SYS	PM	3.50LB/H	
						.02GR/DSCF	
LAS VEGAS PORTLAND CEMENT	NV NSR-4-7-1 NV-8*	6000.00T/D	N	CLINKER COOLER, 2	PM	40.00LB/H	B*
						.01GR/DSCF	B*
					VE	10.00% OPACITY	B*
				KILN, 2	BE	.03LB/D	B*
					CO	30.00LB/H	B*
					NOX	281.00LB/H	B*
						115.00PPM	B*
					PM	98.00LB/H	B*
						.01GR/DSCF	B*
					SO2	260.00LB/H 2H AV	B*
						72.00PPM 2H AV	B*
					SO2	150.00LB/H 30D AV	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						44.00PPM 30D AV	B*
					VE	10.00% OPACITY	B*
LONESTAR FLORIDA PENNSUC*	FL (R)PSD-FL-028	2000.00T/D	M	CEMENT KILN	PM	28.70LB/H	N*
				CLINKER COOLER	PM	14.30LB/H	N*
LONESTAR FLORIDA PENNSUC*	FL PSD-FL-050	137.00T/H	M	COAL HANDLING, PULVERIZERS	PM	.01GR/DSCF	
LONESTAR INDUSTRIES INC.	TX PSD-TX-174	1.00MMT/YR	N	ADDITIVE BIN	PM	.50LB/H	
				ADDITIVE RECLAIM TRANSFER	PM	.30LB/H	
				ADDITIVE RECLAIM TRANSFER	PM	.50LB/H	
				AIR SEPERATORS, 2	PM	3.90LB/H EA	
				CEMENT STORAGE SILO, 2	PM	.90LB/H EA	
				CLINKER BINS	PM	.10LB/H	
				CLINKER COOLER	PM	22.00LB/H	
				CLINKER COOLER DISCHARGE	PM	.30LB/H	
				CLINKER RECLAIM	PM	.90LB/H	
				CLINKER SCREENING	PM	.80LB/H	
				COAL MILL FEEDER - CALCINER	PM	.30LB/H	
				COAL MILL FEEDER - KILN	PM	.30LB/H	
				COAL RECLAIM TRANSFER	PM	.30LB/H	
				FEED ELEVATOR DISCHARGE	PM	.30LB/H	
				FEED ELEVATOR LOAD	PM	.30LB/H	
				FINISH MILL 1 & 2	PM	2.60LB/H EA	
				FRINGE BIN	PM	.30LB/H	
				HOMOGENIZING SILO	PM	1.30LB/H	
				HOMOGENIZING SILO DISCHARGE *	PM	.20LB/H	
				KILN MILL & ALKALI BYPASS	NOX	360.00LB/H	
					PM	30.60LB/H	
					SO2	960.00LB/H	
				LIMESTONE BIN	PM	.50LB/H	
				LIMESTONE RECEIVING	PM	.20LB/H	
				LIMESTONE RECLAIM TRANSFER	PM	.30LB/H	
				LIMESTONE STORAGE	PM	2.60LB/H	
				RAIL LOAD	PM	.70LB/H	
				RAW STORAGE FEED BELT	PM	.60LB/H	
				ROLLER MILL SURGE BIN	PM	.30LB/H	

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
LONESTAR INDUSTRIES INC.	(CONTINUED)						
				TRUCK AND RAIL UNLOAD	PM	.50LB/H	
				WASTE DUCT BIN	PM	.10LB/H	
LONESTAR INDUSTRIES INC.	WA (R)PSD-X82-03	750000.00T/YR	N	CEMENT KILN AND MILL	NOX	300.00LB/H	
						1314.00T/YR	
					PM	.01GR/ACF	
						20.80LB/H	
					SO2	275.00LB/H	
						1205.00T/YR	
				CLINKER COOLER	PM	.01GR/ACF	
						16.10LB/H	
				MATERIALS HANDLING EQUIP., 3*	PM	.01GR/ACF	
						5.00% OPACITY	
				QUARRY, STACKER-RECLAIMER, C*	PM	10.00% OPACITY	
LONESTAR PORTLAND CEMENT	UT	1.70MT/D	N	ADD. RECLAIM	PM	.51LB/H	B*
				AIR SEPARATOR	PM	3.86LB/H	B*
				ALKALI BYPASS	PM	3.00LB/H	B*
					VE	20.00% OPACITY	
				CEM SILO BUCKET	PM	.69LB/H	B*
				CEM SILO LDOUT	PM	2.14LB/H	B*
				CLK COOL ELEV	PM	.33LB/H	B*
				CLK COOLER	PM	11.10LB/H	B*
					VE	20.00% OPACITY	
				CLK RECL	PM	.58LB/H	B*
				COAL CRUSHER	PM	.59LB/H	B*
					VE	10.00% OPACITY	
				COAL MILL	PM	1.71LB/H	B*
					VE	10.00% OPACITY	
				COAL MILL SURGE	PM	.34LB/H	B*
				FINISH MILL	PM	2.57LB/H	B*
				FRINGE BIN	PM	.26LB/H	B*
				GYP BIN LDOUT	PM	.43LB/H	B*
				HI-LIME LDOUT	PM	.21LB/H	B*
				KILN GASES	NOX	1.60LB/T FEED	B*
						236.60LB/H	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	.60LB/T FEED	B*
						64.50LB/H	B*
				LIMESTONE RECL	PM	.51LB/H	B*
				PREHEAT BUCKET	PM	.17LB/H	B*
				PRIME CRUSHER	PM	2.15LB/H	B*
				RAW MATL BIN	PM	.26LB/H	B*
				RAW MATL BIN	PM	.17LB/H	B*
				RAW MATL RECL.	PM	.51LB/H	B*
				RAW MILL	PM	12.00LB/H	B*
					VE	20.00% OPACITY	
				RAWML SURGE BIN	PM	.51LB/H	B*
				SECOND CRUSHER	PM	1.03LB/H	B*
				SILO ELEVATOR	PM	.21LB/H	B*
				SILO RELCAIM	PM	.21LB/H	B*
				SILO TYPE II	PM	.86LB/H	B*
				SILO TYPE V	PM	.35LB/H	B*
				SILO 2 EA	PM	.51LB/H EA	B*
				SILO-CLK-1	PM	.26LB/H	B*
				SILO-CLK-2	PM	.26LB/H	B*
				TRANS CONVEY.	PM	1.03LB/H	B*
				TRANS TOWER	PM	.51LB/H	B*
				WASTE BIN	PM	.26LB/H	B*
MONOLITH PORTLAND CEMENT*	CA (R)SE 78-11	5.00MT/YR	M	CLINKER COOLER	PM	12.90LB/H	N*
						.01GR/DSCF	N*
				KILN DUST RECYCLE			
				ROTARY KILN	BE	21.40LB/H	N*
						.02GR/DSCF	N*
					NOX	260.00LB/H	B*
					PM	21.40LB/H	N*
						.03GR/DSCF	N*
					SO2	300.00LB/H	B*
SOUTHWESTERN PORTLAND CE*	TX (R)PSD-TX-352*	4000.00T/D	M	BLEND SILO	PM	1.23LB/H	B*
				CLINKER COOLER	PM	.10LB/T D FEED	N*
				CLINKER COOLER	PM	.40LB/H	B*
				CLINKER STORAGE BIN	PM	.16LB/H	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				CLINKER TRANSFER	PM	.48LB/H	B*
				COAL BIN	PM	.21LB/H	B*
				COAL CRUSHER	PM	.21LB/H	B*
				COAL MILL	PM	4.25LB/H	B*
				COAL TRANSFER	PM	.26LB/H	B*
				COAL UNLOAD	PM	.29LB/H	B*
				CONVEYOR TRANSFER	PM	3.52LB/H	B*
				DUST BIN	PM	.21LB/H	B*
				HOMOGINIZING SILO	PM	2.54LB/H	B*
				HOMOGINIZING SILO	PM	.16LB/H	B*
				KILN LEVEL TANK	PM	.79LB/H	B*
				KILN 1, COAL FIRED			
					SO2	1.12LB/MMBTU	B*
				KILN 2, COAL FIRED			
					SO2	.52LB/MMBTU	B*
				KILN 3, COAL FIRED	NOX	.32LB/MMBTU	B*
					PM	.30LB/T D FEED	N*
					SO2	.49LB/MMBTU	B*
				RAW MILL	PM	.71LB/H	B*
				RAW MILL	PM	1.19LB/H	B*
				ROAD OUT	PM	.01LB/H	B*
				STORAGE PILE	PM	.53LB/H	B*
				TRAFFIC AROUND PILE	PM	.05LB/H	B*
				TRAVELING STACKER	PM	.01LB/H	B*
				TRUCK DUMPING	PM	2.35LB/H	B*
				TRUCK LOAD	PM	5.84LB/H	B*
				2 CEMENT SILOS	PM	.32LB/H EA	B*
				2 CLINKER STORAGE BINS	PM	.32LB/H EA	B*
				3 CEMENT SILOS	PM	1.11LB/H EA	B*
				4 CLINKER TRANSFERS	PM	.21LB/H EA	B*
SOUTHWESTERN PORTLAND CE*	TX (R)PSD-TX-351	775.00T/D	M	ROTARY KILN, COAL FIRED	SO2	2.41LB/MMBTU	B*
TEXAS CEMENT CO.	TX TX-194	2750.00T/D	M	BLENDING SILOS	PM	3.10LB/H	B*
				CEMENT BAG PACKING	PM	1.80LB/H	B*
				CLINKER COOLER	PM	6.60LB/H	B*
				COAL & GYPSUM HANDLING	PM	3.20LB/H	B*

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SOURCE TYPE CODE 9.4

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.4 PORTLAND CEMENT MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				FINISH MILL	PM	6.00LB/H	B*
				FINISH SILO	PM	2.10LB/H	B*
				KILN & RAW MILL	NOX	240.00LB/H	B*
					PM	33.70LB/H	B*
					SO2	416.00LB/H	B*
				MATERIAL CRUSHING	PM	5.90LB/H	B*
SOURCE TYPE CODE -- 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING							
ASH GROVE CEMENT CO.	NE	1800.00T/D		CLINKER COOLER	PM	.01GR/ACFM	
				COAL GRINDING SYS			
				KILN	PM	.01GR/ACFM	
				KILN FEED SYS			
ATLANTIC CEMENT CO., INC.	MD 03-6-0932	100.00T/H	N	BARGE AND SHIP LOADING	PM	.02GR/DSCF	L*
				CONVEYING & MILLING	PM	.02GR/DSCF	L*
				FLUIDIZED BED SLAG DRYER	PM	.02GR/DSCF	L*
				ROADS			
				STOCKPILES			
BANKS CONSTRUCTION CO.	SC PSD-SC-032	375.00T/H	N	CEMENT KILN	PM	17.50LB/H	N*
BEEHIVE CEMENT, SANTAGUI*	UT	1.50MT/D	N	BIN FEED-CLK	PM	.50LB/H	B*
					VE	10.00% OPACITY	
				CEM MILL FD	PM	.70LB/H	B*
					VE	10.00% OPACITY	
				CEM ML CIRC	PM	2.00LB/H	B*
					VE	10.00% OPACITY	
				CEM PACK SYS	PM	.70LB/H	B*
					VE	10.00% OPACITY	
				CEM SILO B&KF	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
				CEM SILO COLL. 6 EA	PM	.30LB/H EA	B*

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VE	10.00% OPACITY	
				CEM SILO LDOUT 4 EA	PM	.70LB/H EA	B*
					VE	10.00% OPACITY	
				CEM SILO TOP	PM	1.50LB/H	B*
					VE	10.00% OPACITY	
				CLK CONV SYS, 4	PM	.50LB/H	B*
					PM	.30LB/H	B*
					PM	.30LB/H	B*
					PM	1.80LB/H	B*
					VE	10.00% OPACITY	
				CLK COOL VENT	PM	10.35LB/H	B*
					VE	10.00% OPACITY	
				COAL RECL BIN	VE	10.00% OPACITY	B*
				COAL RECL PILE	VE	10.00% OPACITY	B*
				GYP BIN FEED	PM	.50LB/H	B*
					VE	10.00% OPACITY	
				INACT.PILE ERO	VE	10.00% OPACITY	B*
				KILN			
					SO2	.47LB/T FEED	B*
				KILN/RAWML EXH	PM	14.30LB/H	B*
					VE	20.00% OPACITY	
				LIMESTN BINFD	PM	.40LB/H	B*
					VE	10.00% OPACITY	
				LIMESTONE CONV			
				LIVE PILE EROS			
				RAW MATL BIN FD	PM	.70LB/H	B*
					VE	10.00% OPACITY	
				RAW MATL TRANS.	PM	.30LB/H	B*
					VE	10.00% OPACITY	
				RAWML ADD CRUSH	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
				RAWML CIR EQ	PM	.50LB/H	B*
					VE	10.00% OPACITY	
				RAWML FD SYS	PM	1.10LB/H	B*
					VE	10.00% OPACITY	
MARTIN MARIETTA-LEAMINGT*	UT	1.80MT/D	N	ALKALI BYPASS	PM	8.20LB/H	B*

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				ALKALI BYPASS	PM	.30LB/H	B*
				ALKALI BYPASS	VE	20.00% OPACITY	
				BLEND & KILN FEED	PM	.80LB/H	B*
					VE	10.00% OPACITY	
				BURN/COOL	PM	10.20LB/H	B*
				BURN/COOL	PM	.40LB/H	B*
				BURN/COOL	PM	.40LB/H	B*
				BURN/COOL	VE	10.00% OPACITY	
				BURN/COOL	VE	10.00% OPACITY	
				COAL STOR. & ML	PM	.20LB/H	B*
				COAL STOR. & ML	PM	3.10LB/H	B*
				COAL STOR. & ML	VE	10.00% OPACITY	
				COAL STOR. & ML	VE	10.00% OPACITY	
				CRUSHING	PM	3.10LB/H	B*
					VE	10.00% OPACITY	
				FINISH GRIND	PM	1.40LB/H	B*
				FINISH GRIND	PM	5.00LB/H	B*
				FINISH GRIND	PM	2.30LB/H	B*
				FINISH GRIND	VE	10.00% OPACITY	
				FINISH GRIND	VE	10.00% OPACITY	
				KILN SYS	NOX	101.50LB/H	B*
						.80LB/T FEED	B*
					SO2	98.80LB/H	B*
						.77LB/T FEED	B*
				QUARRY I	VE	10.00% OPACITY	B*
				QUARRY II	PM	10.00% CPACITY	B*
				RAW MATL STORAGE	PM	1.50LB/H	B*
					VE	10.00% OPACITY	
				RAW MILL	PM	18.20LB/H	B*
					VE	20.00% OPACITY	
				SILO/LOOT-COAL	PM	.90LB/H	B*
				SILO/LOOT-COAL	PM	.60LB/H	B*
				SILO/LOOT-COAL	VE	10.00% OPACITY	
				SILO/LOOT-COAL	VE	10.00% OPACITY	
				STORAGE PILES	VE	10.00% OPACITY	B*
				2ND BLEND & KILN FEED	PM	.30LB/H	B*
					VE	10.00% OPACITY	

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SOURCE TYPE CODE 9.5

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.5 CEMENT (OTHER THAN PORTLAND) MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS

SOURCE TYPE CODE -- 9.6 COAL CLEANING

ETSI	AR 700-A	15500.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				THERMAL DRYER,9	PM	.03GR/DSCF	
ETSI	AR 705-A	15900.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				THERMAL DRYER	PM	.03GR/DSCF	
SOUTHERN CA EDISON COALN*	CA SE80-01			COAL GASIFICATION UNIT	CO	77.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					SO2	4.40LB/H SELEXOL	
						196.00LB/H SLOT/CLAUS	
				GAS TURBINE	CO	77.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					NOX	140.00LB/H 3H AV	
						50.00PPMV, DRY, DAY*	
					SO2	35.00LB/H <.7% S FU*	
						175.00LB/H >.7% S FU*	

SOURCE TYPE CODE -- 9.7 COAL CLEANING (THERMAL DRYER)

CONSOL PENNSYLVANIA COAL*	PA 82PA01	1.46MMT/YR DRY	N	THERMAL DRYER	NOX	.60LB/MMBTU

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SOURCE TYPE CODE 9.7

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.7 COAL CLEANING (THERMAL DRYER) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03GR/DSCF	N*
					SO2	1.90LB/MMBTU	
METTIKI COAL	MD		N	THERMAL DRYERS	PM	.01GR/DSCF	
						31.70LB/H	
					SO2	20.50PPM	
						78.60LB/H	

SOURCE TYPE CODE -- 9.8 GLASS FIBER MANUFACTURING

CERTAINTEED CORP.	CA (R)SJ 80-02		N	FURNACE, GLASS MELTING	NOX	55.90LB/H GAS	
						40.00LB/H OIL	
PABCO INSULATION DIV., F*	TX 9386	1166.00LB/H	N	FIBERIZING, COLL., & CURING	FO*	1.00LB/H	B*
					NOX	3.00LB/H	B*
					PH*	1.00LB/H	B*
					PM	3.00LB/H	B*
				MATERIAL STORAGE, PRODUCT, M*	PM	.10LB/H	B*
				MATERIAL STORAGE, SILO, RAW *	PM	.10LB/H	B*
PPG INDUSTRIES	TX (R)PSD-TX-290		N	BOILERS, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
				DRYING OVENS, 12	NOX	.20LB/H	B*
						.21LB/MMBTU	B*
					PM	.01LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.01LB/MMBTU	B*
				GLASS MELTING FURNACE, 2	F	4.10LB/H NAT GAS	

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SOURCE TYPE CODE 9.8

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.8 GLASS FIBER MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						.06LB/MMBTU NAT G*	
					F	4.10LB/H FUEL OIL	
						.06LB/MMBTU FUEL *	
					NOX	109.00LB/H NAT GAS	B*
						1.51LB/MMBTU NAT G*	B*
					NOX	.85LB/H FUEL OIL	B*
						1.18LB/MMBTU FUEL *	B*
					PM	3.00LB/H NAT GAS	N*
						.04LB/MMBTU NAT G*	N*
					PM	3.45LB/H FUEL OIL	N*
						.05LB/MMBTU FUEL *	N*
					SO2	59.00LB/H NAT GAS	B*
						.81LB/MMBTU NAT G*	B*
					SO2	93.50LB/H FUEL OIL	B*
						1.30LB/MMBTU FUEL *	B*
				MATERIAL HANDLING FACILITIES*	PM	.33LB/H	
				POST BAKE OVENS	NOX	.13LB/H	B*
						.23LB/MMBTU	B*
					PM	.01LB/H	
						.02LB/MMBTU	
					SO2	.00LB/H	B*
						.00LB/MMBTU	B*
SOURCE TYPE CODE -- 9.9 FRIT MANUFACTURING							
GUARDIAN INDUSTRIES CORP.	TX	600.00T/D	N	GLASS MELTING FURNACE STACK	NOX	.50LB/T	B*
					PM	.06LB/T	B*
					SO2	.13LB/T	B*

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SOURCE TYPE CODE 9.9

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.11 GLASS MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BALL CORP.	CA SAC-79-02		M	FURNACE, BOTTLE GLASS MELTING	NOX 6.30LB/T GLASS PUL*	
					75.00LB/H	
GUARDIAN INDUSTRIES CORP.	CA SJ-78-86		M	GLASS MELTING FURNACE #2	NOX 340.00LB/H	B*
					PM 12.20LB/H	N*
PPG INDUSTRIES	IL C 912026	750.00T/D	M	FLOAT GLASS PLANT	NOX 13.00LB/T GLASS PROD	B*
					PM .60LB/T GLASS PROD	N*
					SO2 1.60LB/T GLASS PROD	S*
PPG INDUSTRIES	MD 79MD05	8.00T/H	M	GLASS FURNACE	NOX 1.46LB/MMBTU	B*
					PM 11.50LB/H	B*
					SO2 8.00LB/H	B*

SOURCE TYPE CODE -- 9.12 GYPSUM MANUFACTURING

CONTINENTAL LIME, INC	UT	150.00MT/YR	M	CALC. PLANT	PM .30LB/T FEED	B*
					VE 10.00% OPACITY	
				COAL BIN STOR	PM .00LB/H	B*
					VE 20.00% OPACITY	
				FINISH PROD CRUSH	PM 4.20LB/H	B*
					VE 20.00% OPACITY	
U.S. GYPSUM	TX PSD-TX-255	425.00MMCF/YR	M	CALCINED GYPSUM STORAGE BIN	PM .30LB/H	
				DRYING KILNS, 6	PM .70LB/H	
				END SAWING EQUIPMENT	PM 3.00LB/H	
				LAND PLASTER STORAGE BIN	PM .30LB/H	
				MACHINE DRY MIXING EQUIP.	PM 1.20LB/H	
				POST STUCCO TREATMENT EQUIP.	PM .60LB/H	
				STORAGE PILE	PM 1.50LB/H	

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SOURCE TYPE CODE 9.12

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.13 LIME MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
ARMCO INC. - PIQUA MINER*	OH 08-362	40000.00LB/H	N	LIMESTONE CLASSIFIER	PM .02GR/DSCF	B*
					5.00LB/40000 LB PE*	B*
CHEMSTONE CORP.	VA 20252		M	COAL HANDLING	PM 1.32T/YR	
				LIME KILN, COAL FIRED	PM .20LB/T LIMESTONE*	
DAN RIVER, INC.	VA 30242		M	LIME MANUFACTURING PLANT	PM 4.50LB/H	
					16.20T/YR	
DOMTAR INDUSTRIES, INC.	PA 80PA02	10.40T/H QUICK*	M	ROTORY KILN,NO.1 COAL-FIRED	NOX 1.50LB/T LIMESTONE	B*
					PM .18LB/T LIMESTONE	N*
					SO2 1.13LB/T LIMESTONE	B*
J.E. BAKER CO.	OH EPA-5-A-80-15		M	LIME KILN	PM .03GR/DSCF	

SOURCE TYPE CODE -- 9.14 MINERAL WOOL MANUFACTURING

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
TEXACO, INC.	CA NCC-78-04		M	STEAM GEN., 3 EA	SO2 .58LB/MMBTU	B*
					2.00% S FUEL OIL	B*
				WASTE GAS INCIN.	SO2 9.00LB/H	B*
U.S. GYPSUM	IN EPA-5-A-80-14		N	CUPOLA	CO 61.00LB/H	
				SPINNER PRIMARY & SECOND. CYC	PM 9.00LB/H	
U.S. GYPSUM	OH EPA-5-A-80-16		N	CUPOLA	CO 5.35LB/T PROC. WT.	
					32.00LB/H MAX	
					PM .15LB/T PROC. WT.	
					.90LB/H MAX	
					SO2 1.60LB/T PROC. WT.	
					9.60LB/H MAX	
				FIBERIZATION PROCESS (FIBERI*	PM .52GR/CF	
					179.00LB/H	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.14 MINERAL WOOL MANUFACTURING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 9.15 PERLITE MANUFACTURING							
CAROLINA STALITE	NC NC-082		N	KILN, 2 EA	PM	16.00LB/H EA	B*
					SO2	1.20LB/MMBTU EA	B*
SOURCE TYPE CODE -- 9.16 PHOSPHATE ROCK PROCESSING							
ESTECH GENERAL CHEMICALS	FL PSD-FL-036		N	ROCK DRYER	PM	.02GR/DSCF	N*
MOBIL CHEMICAL CO.	FL AC53-2005	475.00T/H ROCK *	M	ROCK DRYER	PM	52.00LB/HT	B*
						24.90LB/H	B*
					SO2	19.40LB/H	
SOURCE TYPE CODE -- 9.17 STONE QUARRYING, SAND/GRAVEL							
AUSTINVILLE LIMESTONE CO*	VA 10213	250.00T/H		FINES MILL	PM	70.96T/YR	B*
				JAW CRUSHER	PM	5.48T/YR	B*
				SECONDARY CRUSHER, 2	PM	21.90T/YR	B*
				TERTIARY CRUSHER, 2	PM	147.82T/YR	B*
COAL INDUSTRY SERVICES C*	VA 79VA11	50.00T/H	M	ROTARY AGGREGATE DRYER	FU*	20.00% OPACITY	B*
					PM	2.60LB/H	B*
CONCRETE MATERIALS INC.	NY NONE	2000.00T/D	N	CONVEYERS	PM	20.00% OPACITY	S*
				DROP POINTS			

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SOURCE TYPE CODE 9.17

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.17 STONE QUARRYING, SAND/GRAVEL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				1, 2, 3 ROCK CRUSHERS	PM	70.00T/YR	S*
GAF CORP.	PA 79-PA-20	120.00T/H	M	CRUSHER	PM	.31LB/H	B*
				CRUSHING	PM	2.10LB/H	B*
				MILL #1	PM	1.09LB/H	B*
				MILL #2	PM	2.11LB/H	B*
				MILL #3	PM	1.92LB/H	B*
				STORAGE	PM	.62LB/H	B*
MARTIN MARIETTA AGGREGAT*	IN PC(10)1483		N	HAMMERMILL CRUSHER	PM	.18LB/H	
MARYLAND MATERIALS, INC.	MD 78MD06	1.12MMT/YR	N	TERTIARY CRUSHING & SCREENING	PM	6.48LB/H	B*
MID-CONTINENT MATERIALS,*	OK T79-004		N	CONVEYORS	PM	13.30LB/H	
				PRIMARY CRUSHER	PM	1.80LB/H	
				RECRUSH/SCREEN	PM	1.10LB/H	
				SECONDARY CRUSHER	PM	1.10LB/H	
				STOCKPILES	PM	12.20LB/H	
				TRUCK LOADING	PM	7.80LB/H	
WALDRON CRUSHED STONE CO.	IN PC(73)1478	400.00T/H	N	PRIMARY & SECONDARY CRUSHER	PM	117.00T/YR	

SOURCE TYPE CODE -- 9.18 TACONITE ORE PROCESSING

CONOCO, INC.	OH 06-552		N	GASIFIER	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU	
TENNESSEE EASTMAN CO.	TN			GASIFIER	CO	.56LB/H	B*
					H2S	.01LB/H	B*
				SULFUR RECOVERY	CO	.63LB/H	B*
					VOC	.45LB/H	L*

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SOURCE TYPE CODE 9.18

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.18 TACONITE ORE PROCESSING — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TENNESSEE EASTMAN CO.	TN		N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*
					VOC	.03LB/MMBTU	L*

SOURCE TYPE CODE -- 9.19 MINING OPERATIONS

SHELL OIL CO.-BUCKSKIN M*	WY	6.00MMT/YR		SURFACE MINE			

SOURCE TYPE CODE -- 9.21 OTHER MINERAL PRODUCTS INDUSTRY

AM MATERIALS CONSTRUCTION	WI ATT-04-80-18-0*	30.00T/H	N	SAND DRYER	PM	6.40LB/H MAX	
AMSELCO COAL, FULTON MINE	IN PC(23)1470	130.00T/H	N	COAL MINING			
				LOADING	PM	6.67T/YR	
				ROTARY BREAKER	PM	2.70T/YR	
				SCREENS AND TRANSFER POINTS	PM	9.46T/YR	
				STOCK PILES	PM	4.06T/YR	
				TRUCK DUMP	PM	6.76T/YR	
BADGER MINING CORP.	WI ATT-04-88-24-0*	75.00T/H	N	SAND DRYER	PM	.08LB/MLB GAS	
				SAND STOCKPILES			
GENERAL CASTING CORP.	WI NAA-03-80-68-0*		N	SAND HANDLING SYSTEM	PM	.08LB/MLB GAS	L*
LONE STAR POLYMER CONCRE*	VA 60230		M	POLYMER CONCRETE MIXER			
					VOC	11.70LB/H	
						9.90T/YR	

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SOURCE TYPE CODE 9.21

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 9.21 OTHER MINERAL PRODUCTS INDUSTRY — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
MULLITE CO.	GA GA 064	250.00T/H	M	ROTARY KILNS	PM	9.42LB/H	B*
PATRICK COAL CORP.	VA 61010		N	CONVEYORS	VE	5.00% OPACITY	
				RAIL CAR DUMPER	VE	5.00% OPACITY	
				RECLAIMER	VE	10.00% OPACITY	
				SHIP LOADING	VE	20.00% OPACITY	
				STACKER	VE	10.00% OPACITY	
				TRANSFER POINTS	VE	5.00% OPACITY	
PPG INDUSTRIES	NC NC-056	200750.00T/YR	N	RAW MATERIAL STORAGE	PM	1.70LB/H	B*
					SO2	6.20LB/H	B*
SW ELECT. POWER	TX PSD-TX-130		N	LIGNITE DISCHARGE CHUTE	PM	.08LB/H	
				LIGNITE RECLAIMING	PM	.16LB/H	
				LIGNITE STORAGE PILES	PM	2.39LB/H	
				LIGNITE TRUCK UNLOAD HOPPER	PM	7.40LB/H	
				LIMESTONE CAR HOPPER	PM	.08LB/H	
SOURCE TYPE CODE -- 10.1 KRAFT PULP MILLS							
ALABAMA KRAFT	AL PSD-AL-067		M	BOILER, WOODWASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1000.00ADTP/D	N	BROWN STOCK WASHERS	TRS	.50SEC AT 1200 F	
				DIGESTERS	TRS	.50SEC AT 1200 F	
				EVAPORATORS	TRS	.50SEC AT 1200 F	
				LIME KILN	PM	.13GR/DSCF AT 10%*	
					TRS	5.00PPM AT 10% O2	
				POWER BOILER	NOX	.70LB/MMBTU	
					PM	.23GR/DSCF AT 50%*	
					SO2	2033.00T/YR	

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				RECOVERY BOILER			
					PM	.04GR/DSCF AT 8% *	
					TRS	5.00PPM AT 8% O2	
				SMELT TANK	PM	.20LB/T BLS	
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	M	RECOVERY FURNACE	PM	.04GR/DSCF	
					SO2	300.00PPM	
					TRS	5.00PPM	
				SMELT DISSOLVING TANK	PM	.20LB/T BLS	
					TRS	.02LB/T BLS	
CHAMPION INTERNAT. CORP.	MI 33-80		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				LIME KILN	PM	.07GR/DSCF	N*
					SO2	120.00LB/H	N*
					TRS	8.00PPM BY VOL	N*
				LIME, COAL, & ASH HANDLING &*	PM	.03GR/DSCF	N*
				REC. BOILER,BLACK LIQUOR FUEL	PM	.04GR/DSCF	N*
					TRS	5.00PPM BY VOL	
				SMELT DESOLVING TANK	PM	.20LB/T BLS	N*
					TRS	.01LB/T	N*
CHESAPEAKE CORP.	VA 40126		M	LIME KILN			
					PM	88.60T/YR	
						.13GR/DSCF AT 10%*	
					TRS	5.11T/YR	
						8.00PPM AT 10% O2	
CONTAINER CORP. OF AM	AL PSD-AL-061		M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H	N*
						60.80LB/H 100% WOOD	N*
CONTAINER CORP. OF AM	FL FL-062		M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*

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SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	5363.00T/YR	N*
FEDERAL PAPER BOARD CO.,*	NC 3441R9	2300.00T/D ADP	M	BOILER, POWER, #5, BARK/COAL*	NOX	.40LB/MMBTU COAL	
						.36LB/MMBTU OIL	
					PM	.16LB/MMBTU COAL	
						.05LB/MMBTU OIL	
					SO2	.80LB/MMBTU COAL	
						.80LB/MMBTU OIL	
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	BOILER	PM	.04GR/CF	B*
					SO2	979.00T/H	B*
FEDERAL PAPERBOARD CO.	NC 4924	2300.00T/D ADP	N	BROWN STOCK WASHERS NO.5	SO2	16.20LB/H	
				LIME KILN NO.4	CO	405.00LB/H	A*
					NOX	40.50LB/H	A*
					PM	.13GR/DSCF 10% O2	N*
					SO2	8.10LB/H	A*
				POWER BOILER NO.6	CO	.05LB/MMBTU COAL	A*
					NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					NOX	.20LB/MMBTU GAS	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	SMELT\DISSOLVING TANKS	PM	.20LB/T BLS	B*
					SO2	.07LB/H	B*
GEORGIA-PACIFIC CORP.	AR PSD-AR 317		M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041		M	WOOD-FIRED BOILER	CO	25.00LB/H	B*
						.09LB/MMBTU	B*
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
GEORGIA-PACIFIC CORP.	(CONTINUED)						
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
GILMAN PAPER CO.	GA GA-071	691.00MMBTU/H	M	BOILER, COAL/WOODWASTE	PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	
HAMMERMILL PAPER	AL PSD-AL-062	750.00T/D	M	BATCH DIGESTERS #6, #7 & #8	TRS	.50SEC AT 1200 F	
				BROWN STACK WASHER #2	TRS	11.00LB/H	
				LIME KILN	PM	.07GR/DSCF AT 10%*	N*
						.13GR/DSCF AT 10%*	N*
					SO2	111.00T/YR	B*
					TRS	8.00PPM AT 10% O2	N*
				RECOVERY BOILER #1	PM	4.00LB/ADTP	
					SO2	272.00LB/H	
					TRS	20.00PPM	
				RECOVERY BOILER #2	CO	456.60LB/H	B*
					NOX	114.20LB/H	B*
					PM	66.20LB/H	N*
					SO2	1901.00T/YR	B*
					TRS	5.00PPM AT 8% O2	N*
				SMELT DISSOLVING TANK	PM	.20LB/T BLS	N*
					SO2	11.40LB/H	B*
					TRS	.02LB/T BLS	N*
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	800.00ADTP/D	N	BROWN STOCK WASHER	TRS	.50SEC AT 1200 F	
				CONDENSATE STRIPPER	TRS	.50SEC AT 1200 F	
				CONTINOUS DIGESTER	TRS	.50SEC AT 1200 F	
				GENERATOR, FOSSIL FUEL STEAM	CO	117.00LB/H	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	
				LIME KILN	CO	318.00LB/H	
					NOX	31.80LB/H	
					PM	.07GR/DSCF AT 10%*	
						.13GR/DSCF AT 10%*	
					SO2	6.40LB/H	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					TRS	8.00PPM AT 10% O2	
				MULTIPLE EFFECTS EVAPORATORS	TRS	.50SEC AT 1200 F	
				RECOVERY BOILER	CO	63.60LB/H	
					NOX	31.80LB/H	
					PM	.04GR/DSCF AT 8% *	
					SO2	391.00LB/H	
					TRS	.50PPM AT 8% O2	
				SMELT TANK	PM	.20LB/T BLS	
					SO2	3.18LB/H	
					TRS	.02LB/T BLS	
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	STEAM BOILER	CO	70.00LB/H	
					NOX	480.00LB/H	
					PM	.10LB/MMBTU	
					SO2	820.00LB/H	
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295		M	BOILER	CO	.15LB/MMBTU	B*
					NOX	.69LB/MMBTU COAL	B*
						.20LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.30LB/MMBTU	
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	LIME KILN	CO	41.70LB/H	B*
					NOX	3.30LB/H	B*
					PM	51.70LB/H	N*
					SO2	86.70LB/H	B*
					TRS	3.50LB/H	N*
				LIMESTONE RECEIVING	PM	.20LB/H	B*
				POWER BOILER	CO	3.12LB/H	B*
						.06LB/MMBTU	B*
					NOX	371.00LB/H	N*
						.70LB/MMBTU	N*
					PM	53.00LB/H	N*
						.01LB/MMBTU	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
KIRBY FOREST INDUSTRIES	(CONTINUED)				SO2	636.00LB/H	N*
						1.20LB/MMBTU	N*
				RECHIPPER CYCLONE	PM	7.50LB/H	B*
				RECOVERY BOILER	CO	82.60LB/H	B*
						.09LB/MMBTU	B*
					NOX	67.80LB/H	B*
						.07LB/MMBTU	B*
					PM	83.40LB/H	N*
						.09LB/MMBTU	N*
					SO2	434.00LB/H	B*
						.46LB/MMBTU	B*
					TRS	6.10LB/H	N*
						.01LB/MMBTU	N*
				SALT CAKE RECEIVING	PM	.20LB/H	B*
				SLAKER SCRUB	PM	2.70LB/H	B*
				SMELT TANK	PM	14.10LB/H	N*
					TRS	1.20LB/H	
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	BOILER, BARK & COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	.63LB/MMBTU	B*
				LIME KILN	PM	.13GR/DSCF	N*
					TRS	8.00PPM	N*
				RECOVERY BOILER	PM	.04GR/DSCF	B*
					SO2	458.00LB/H	B*
						300.00PPM	B*
					TRS	5.00PPM AT 8% FUEL	B*
				SMELT DISSOLVING TANK	PM	.30LB/T ADP	B*
					TRS	.17LB/T BLS	N*
LONGVIEW FIBRE	WA DE 80-602	2580.00T/D ADP	M	KRAFT RECOVERY FURNACE #22	CO	91.70LB/H	B*
					NOX	45.80LB/H	B*
					PM	.04GR/DSCF	
					TRS	5.00PPM	B*
					VE	25.00%, 6 MIN PERIOD	
					VOC	45.80LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				LIME KILN	PM .04GR/DSCF GAS	
					.07GR/DSCF OIL	
					TRS 8.00PPM 12H AV	
					VE 25.00%, 6 MIN PERIOD	
				NEW DIGESTER & WASHERS	TRS 8.00PPM	B*
				SMELT TANK #22	TRS .02LB/T LIQUOR FI*	
LOUISANA-PACIFIC BOILER	CA 27440	477.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	PM 17.00LB/H	B*
OLINKRAFT	LA (R)PSD-LA-037		N	BOILER	PM .10LB/MMBTU	B*
					SO2 .73LB/MMBTU	B*
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO 25.20LB/H	N*
					NOX 264.00LB/H	N*
					PM 88.21LB/H	N*
					SO2 705.70LB/H	N*
				BOILER, OIL FIRED	CO 25.20LB/H	N*
					NOX 226.80LB/H	N*
					PM 75.60LB/H	N*
					SO2 604.80LB/H	N*
POTLATCH	ID	90.00T/H BLS	N	RECOVERY BOILER	CO 1223.00LB/H	
					NOX 321.00LB/H SEE NOTE 3	
					PM 58.00LB/H SEE NOTE 2	
					.03GR/DSCF	
					SO2 450.00LB/H SEE NOTE 6	
					200.00PPM	
				SMELT TANK	PM 11.40LB/H SEE NOTE 1	
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	COAL PREP PLANT	PM 20.00% OPACITY	N*
				EVAPORATORS	TRS .50SEC AT 1200 F	
				RECOVERY BOILER	CO 770.00LB/H	B*
					NOX 242.00LB/H	B*
					402.00T/YR	B*
					PM .04GR/DSCF	N*
					SO2 344.00LB/H	B*
					1003.00T/YR	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SCOTT PAPER	(CONTINUED)						
					TRS	5.00PPM	N*
				SMELT TANK	PM	.20LB/T BLS	N*
					SO2	4.60LB/H	B*
					TRS	.02LB/T BLS	N*
				WOODWASTE/COAL COMBUSTION (5*	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1014.00LB/H	N*
SIMPSON LEE PAPER CO.	CA (R)NSR-4-4-4 *		N	GAS TURBINE & WATE HEAT BOIL*	CO	100.00LB/H	B*
					NOX	92.00LB/H ANNUAL AV	B*
SIMPSON LEE PAPER CO.	CA 80-PO-17	220.00T/D	N	LIME KILN			
					PM	.15GR/DSCF	
SIMPSON LEE PAPER CO.	CA 74-PO-23	220.00T/D	N	RECOVERY BOILER			
					PM	.15GR/DSCF	
ST REGIS PAPER CO.	FL FL 066		M	BARK-COAL BOILER, UNIT #3	SO2	1.20LB/MMBTU	N*
						327.00LB/H	N*
				BARK-COAL BOILER, UNIT #4	SO2	1.20LB/MMBTU	N*
ST REGIS PAPER CO.	FL PSD-FL-041		M	BOILER, BARK FIRED, #4	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
ST REGIS PAPER CO.	ME	814.00MMBTU/H	M	ADJACENT TOWN OF BUCKSPORT R*			
				COAL & BIOMASS HANDLING			
				EXISTING ROADS & PARKING			
				NEW ROADS			
				TEMP CONSTRUCTION ROADS			
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL			
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
THE CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER,WOODWASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*

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SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .10LB/MMBTU	N*
					SO2 .80LB/MMBTU	N*
					VOC .23LB/MMBTU	N*
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	M	BROWN SET WASHER	TRS .50SEC AT 1200 F	
				COAL PREP		
				DIGESTER	TRS .50SEC AT 1200 F	
				EVAPORATORS	TRS .50SEC AT 1200 F	
				GENERATOR, FOSSIL FUEL STEAM		
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
				NO. 2 LIME KILN		
					PM .07GR/DSCF AT 10%*	
					.13GR/DSCF AT 10%*	
					TRS 8.00PPM AT 10% O2	
				NO. 2 RECOVERY BOILER		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
				NO. 2 SMELT DISSOLVING TANKS	PM .20LB/T BLS	
					TRS .02LB/T BLS	
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX .70LB/MMBTU	N*
					PM .08LB/MMBTU	B*
					SO2 1.20LB/MMBTU	N*
UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO .11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX .70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM .10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM .10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM .10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	SO2 1.20LB/MMBTU	
				BOILERS, COAL/WOODWASTE	SO2 1.20LB/MMBTU	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP	
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP	
				KRAFT RECOVERY BOILER	CO	2.00LB/T ADP	
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T	
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T	
				KRAFT RECOVERY BOILER	NOX	210.00PPMV DRY T	
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF	
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF	
				KRAFT RECOVERY BOILER	PM	.04GR/DSCF	
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T	
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T	
				KRAFT RECOVERY BOILER	SO2	230.00PPMV DRY T	
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T	
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T	
				KRAFT RECOVERY BOILER	TRS	5.00PPMV DRY T	
				LIME KILN	CO	8.00PPMV DRY T	
				LIME KILN	CO	8.00PPMV DRY T	
				LIME KILN	CO	8.00PPMV DRY T	
				LIME KILN	NOX	.85LB/MMBTU	
				LIME KILN	NOX	.85LB/MMBTU	
				LIME KILN	NOX	.85LB/MMBTU	
				LIME KILN	PM	.13GR/DSCF	
				LIME KILN	PM	.13GR/DSCF	
				LIME KILN	PM	.13GR/DSCF	
				LIME KILN	SO2	.20LB/T ADP	
				LIME KILN	SO2	.20LB/T ADP	
				LIME KILN	SO2	.20LB/T ADP	
				LIME KILN	TRS	10.00LB/T ADP	
				LIME KILN	TRS	10.00LB/T ADP	
				LIME KILN	TRS	10.00LB/T ADP	
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	#10 RECOVERY BOILER	NOX	.25LB/MMBTU	B*
					PM	.03GR/DSCF	B*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
WESTVACO CORP.	(CONTINUED)					
					SO2 250.00PPM	B*
					TRS .02LB/T BLS	N*
				POWER BOILER (COAL)	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
WESTVACO CORP. - FINE PA*	KY C-77-123	600.00ADT	M	BOILER, BARK	NOX .30LB/MMBTU LIQ. *	N*
					.70LB/MMBTU SOLID*	N*
					PM .10LB/MMBTU	B*
					46.30LB/H	B*
					SO2 1.20LB/MMBTU SEE N*	B*
					469.60LB/H	B*
				FUEL HANDLING SYSTEM	PM 20.00LB/H	
WEYERHAEUSER CO.	MS PSD-MS-027	186000.00T/YR	N	LIME KILN	NOX 100.00PPM	B*
					PM .13GR/DSCF	N*
					SO2 50.00PPM	B*
					TRS 8.00PPM	N*
				POWER BOILER, COMBUSTION FUEL	NOX .70LB/MMBTU COAL	N*
					.30LB/MMBTU OIL	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU COAL	N*
					.80LB/MMBTU OIL	N*
				RECOVERY BOILER, KRAFT MILL	NOX 70.00PPM	B*
					PM .04GR/DSCF	N*
					SO2 100.00PPM	B*
					TRS 5.00PPM	N*
				SMELT TANK	PM .20LB/T BLS	N*
					SO2 50.00PPM	B*
					TRS .02LB/T BLS	N*
WEYERHAEUSER CO.	WA DE 84-133	384.00T/D	M	FURNACE, RECOVERY	PM .06GR/DSCF CORREC*	B*
					TRS 5.00PPM 12H AV, CO*	B*
					VE 35.00% OPACITY	B*
				KILN, LIME	PM .04GR/DSCF GAS, C*	L*
					.07GR/DSCF OIL, C*	L*

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SOURCE TYPE CODE 10.1

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.1 KRAFT PULP MILLS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					TRS 8.00PPM 12H AV, CO*	L*
					VE 25.00% OPACITY	L*
				VENT, SMELT TANK	PM .27LB/T BLS	B*
					TRS .02LB/T BLS	B*
					VE 35.00% OPACITY	B*
WILLAMETTE INDUSTRIES, I*	KY KY-146	400.00MMBTU/H	N	BOILER, WOODWASTE	NOX .40LB/MMBTU	B*
					PM .04GR/DSCF	B*
					SO2 .32LB/MMBTU	B*
WILLAMETTE INDUSTRIES, I*	KY KY-162	600.00T/H	N	FURNACE	PM .04GR/DSCF	B*
WILLAMETTE INDUSTRIES, I*	KY C-80-24	120000.00T/YR	M	LIME KILN	PM .15GR/DSCF	B*
					SO2 5.03LB/H	B*
				WOOD WASTE BOILER	NOX .70LB/MMBTU NOTE#1	B*
					PM .04GR/DSCF	B*
					SO2 .32LB/MMBTU	B*

SOURCE TYPE CODE -- 10.2 WOOD PULPING (OTHER THAN KRAFT)

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
APPLETON PAPERS, INC.	WI MAA-10-SJK-83-*	337.20MMBTU/H	M	BOILER STACK	CO .10LB/MMBTU	
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.12LB/MMBTU	
					VE 20.00% OPACITY	
					VOC 9.95LB/H	
					42.00T/YR	
				DIRT ROADS & STOCKPILES INSTALLATION ROADWAYS & PARKING LOTS		
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX .30LB/MMBTU BARK/*	N*
					.20LB/MMBTU BARK/*	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .10LB/MMBTU	N*
					SO2 .80LB/MMBTU	
					298.00LB/H	
BEAR ISLAND PAPER CO.	VA 50840		M	BOILER, WOOD/COAL FUEL	NOX 1210.00T/YR WOOD FUEL	N*
					1210.00T/YR COAL FUEL	N*
					PM 205.00T/YR WOOD FUEL	N*
					174.00T/YR COAL FUEL	N*
					SO2 1638.00T/YR WOOD FUEL	N*
					2092.00T/YR COAL FUEL	N*
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILERS, COAL FIRED, 2	CO 25.60LB/H	B*
					111.80T/YR	B*
					NOX 435.40LB/H	B*
					1901.80T/YR	B*
					PM 62.20LB/H	B*
					271.80T/YR	B*
					SO2 746.40LB/H	B*
					3260.40T/YR	B*
				BOILER, BARK/WOODWASTE	NOX 1.19LB/MMBTU	B*
					205.00LB/H	B*
					PM .25LB/MMBTU	B*
					43.00LB/H	B*
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	150000.00LB/H	M	COAL BUNKER STACK	PM .10LB/MLB EXHAUST*	B*
				COAL PREP. HOUSE, STACK	PM .10LB/MLB EXHAUST*	B*
				WOOD PREP. BUILDING STACK	PM .20LB/MLB EXHAUST*	B*
				WOOD STORAGE BIN STACK	PM .20LB/MLB EXHAUST*	B*
				80/20 WOOD/COAL BOILER	NOX .70LB/MMBTU	B*
					PM .08LB/MMBTU WOOD/*	B*
					.10LB/MMBTU COAL	B*
					SO2 1.20LB/MMBTU	L*
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404		M	BOILER	CO .06LB/MMBTU COAL	B*
					.03LB/MMBTU OIL	B*
					CO .02LB/MMBTU GAS	B*
					NOX .70LB/MMBTU COAL	B*

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SOURCE TYPE CODE 10.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS		
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*
					VOC	.02LB/MMBTU GAS	
						.01LB/MMBTU OIL	
					VOC	.00LB/MMBTU GAS	
				PAPER MACHINE	CO	.04LB/MMBTU OIL	B*
						.02LB/MMBTU GAS	B*
					NOX	.30LB/MMBTU OIL	B*
						.12LB/MMBTU GAS	B*
					PM	.02LB/MMBTU OIL	B*
						.01LB/MMBTU GAS	B*
					SO2	.37LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
					VOC	.01LB/MMBTU OIL	B*
						.00LB/MMBTU GAS	B*
FORT HOWARD PAPER CO.	OK (R)PSD-OK-375		M	TURBINE	CO	.68LB/MMBTU N. GAS	B*
					CO	.75LB/MMBTU #2 OIL	B*
					NOX	.20LB/MMBTU N. GAS	B*
					NOX	.28LB/MMBTU #2 OIL	B*
					PM	.11LB/MMBTU N. GAS	B*
					PM	.11LB/MMBTU #2 OIL	B*
					SO2	.00LB/MMBTU N. GAS	B*
					SO2	.75LB/MMBTU #2 OIL	B*
					VOC	.12LB/MMBTU N. GAS	B*
					VOC	.03LB/MMBTU #2 OIL	B*
MACMILLAN BLOEDAL	AL AL-063		M	DIGESTERS	TRS	.50SEC AT 1200 F	
				EVAPORATORS	TRS	.50SEC AT 1200 F	
				POWER BOILER	CO	114.00LB/H	N*
					NOX	.70LB/MMBTU	N*

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SOURCE TYPE CODE 10.2

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.2 WOOD PULPING (OTHER THAN KRAFT) REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MACMILLAN BLOEDAL	(CONTINUED)					
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
				RECOVERY BOILER	CO 12325.00T/YR	N*
					NOX 902.00T/YR	N*
					PM .04GR/DSCF AT 8% *	N*
					SO2 2339.00T/YR	N*
					TRS 5.00PPM AT 8% O2	N*
				SMELT TANK	PM .20LB/T BLS	N*
					SO2 41.00T/YR	N*
					TRS .02LB/T BLS	N*
				WASHERS	TRS .50SEC AT 1200 F	
PROCTOR & GAMBLE PAPER P*	WI MAN-14-YPD-83-*		M	CONTROL FLYASH FROM COMBUSTOR	PM 105.00LB/H	L*
				LOAD BARK SILO	PM .06LB/H UNCONTROL*	
				PROCESS FLYASH COLLECTOR	PM 151.00LB/H	L*
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073		N	BOILER, COAL, UNIT#2	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
				BOILER, COAL, UNIT#3	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
				BOILER, COAL, UNIT #1	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*

SOURCE TYPE CODE -- 10.3 HARDBOARD

ABI TIBI CORP.	NC NC 076		M	WOOD FIRED BOILER	CO 44.04LB/H	N*
					192.90T/YR	N*
					NOX 35.23LB/H	N*
					154.30T/YR	N*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.3 HARDBOARD — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .10LB/MMBTU	N*
					SO2 33.03LB/H	
					145.00T/YR	

SOURCE TYPE CODE -- 10.4 PLYWOOD PLANTS

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
EVERGREEN FOREST PRODUCTS ID		88.00MMBTU/H	N	BOILER, WOOD FIRED	CO 17.56LB/H SEE NOTE	
					NOX 17.56LB/H SEE NOTE	
					PM 21.22LB/H	
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-260		M	BOILER, FBD WOOD WASTE FIRE	PM 10.70LB/H	
ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N	BOILER	CO 126.00T/YR	
					NOX 139.00T/YR	
					PM .04GR/DSCF	
					SOX 21.00T/YR	
					VOC 55.00T/YR	

SOURCE TYPE CODE -- 10.5 WOODWORKING

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
BROYHILL FURNITURE	NC NC-068		N	WOODWORKING	PM .30LB/H	B*
					1.30T/YR	B*
BROYHILL FURNITURE	NC NC-063			WOODWORKING BOOTHS	PM 9.00LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
BURLINGTON IND.	NC NC-036		N	BOILER	PM	.60LB/H	B*
CROWN WOOD PRODUCTS	NC 4819		M	BOILER, WOOD-FIRED	VOC	917.00T/YR	B*
EAGLE ENERGY	ID	15.00T/H	N	WOOD DRYING & COMBUSTION	PM	24.00LB/H	
GEORGIA-PACIFIC CORP.	NC 4923		M	DRYERS, ROTARY WOODFLAKE (GR*			
					PM	30.00LB/H SEE NOTE	B*
				DRYER, SANDERDUST FUEL			
					PM	30.00LB/H SEE NOTE	B*
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	WOOD WASTE BOILER & ROTARY A*	PM	246.00T/YR	B*
HOOKER FURNITURE CORP.	VA 20523		M	WOOD/COAL BOILER	PM	.30LB/MMBTU	
HUDSON LUMBER CO.	CA 81-PO-17	150.00MMBTU/H	N	BOILER	CO	2.00LB/T FUEL	
					NOX	30.00LB/H 8H AV	
					PM	.04GR/DSCF	
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO	200.00LB/H, EA	
					PM	25.00LB/H, EA	
J.M. HUBER CORP.	ME	240.00T/D	N	BLDG VENT SYSTEM			
				DRYERS PLUS BOILER, COMMON S*	VE	20.00% OPACITY FOR *	B*
				DRYERS, 2	PM	2.48LB/T WAFER BD	B*
				WOOD BOILER	PM	.12LB/MMBTU	B*
					SO2	100.00LB/H	B*
						1000.00LB/D	B*
					SO2	50.00T/YR	B*
LOUISIANA-PACIFIC CORP.	ME	240.00T/D	N	FUGITIVE EMISSIONS			
				NO. 1 WOOD BOILER	PM	.15LB/MMBTU	B*
				NO. 1 WOOD FIRED DRYER	PM	1.84LB/T WAFER BD	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 10.6 OTHER WOOD PRODUCTS — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				NO. 2 WOOD BOILER	PM .15LB/MMBTU	B*
				NO. 2 WOOD FIRED DRYER	PM 1.84LB/T WAFER BD	B*
				PNEUMATIC TRIM & FINES COLL.*		
MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	M	STOKER BOILER, 2	PM .15LB/MMBTU	
					SO2 1.60LB/MMBTU	
NATICK PAPERBOARD	MA 24-119-MA-13	60.00MMBTU/H	M	BOILER,REPLACEMENT,OIL-FIRED	PM .10LB/MMBTU	
					SO2 145.94LB/H	B*
PACKAGING CORP. OF AM	MI 681-80		M	BOILER, 2 TOTAL	PM .10LB/MLB EXHAUST	
					SO2 1.67LB/MMBTU 24H AV	
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89		N	CELLULOSE PAD FORMATION MACH*	PM .12LB/H EA	
				PLASTIC TRIMING OPERATION	PM 5.00LB/H	
				STEAM GEN	NOX 30.00LB/H	
					PM 6.90LB/H	
					SO2 75.90LB/H	
				TISSUE CUTTING MACHINE, 1	PM .15LB/H	
				TISSUE ROLL CUTTING MACHINES*	PM .27LB/H EA	
				TISSUE WINDING MACHINES, 2	PM .34LB/H EA	
				TURBINE, GAS, 2	NOX 118.80LB/H	
					PM 20.40LB/H EA	
					SO2 144.00LB/H EA	
PROCTOR & GAMBLE PAPER P*	CA (R)LA 79-08	19.30MW	M	GAS TURBINE	NOX .32LB/MMBTU FUEL *	
					.22LB/MMBTU NAT G*	
STONE CONTAINER CORP.	OH EPA-5-A-81-3		M	BOILER, WOOD/GAS	CO .20LB/MMBTU	
					NOX .38LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 .02LB/MMBTU	
					VOC .02LB/MMBTU	

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SOURCE TYPE CODE 10.6

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
AIRCO CARBON	SC P/C-18-058 THR*	65000.00T/YR	N	CARBOTTOM KILNS	NOX	17.50LB/H	B*
					PM	5.43LB/H	B*
					SO2	1.39LB/H	B*
					VOC	.03LB/H	
				GRAHPITIZING FURNACE	H2S	160.80LB/H	
					PM	33.80LB/H	
					SO2	296.60LB/H	
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	
BUICK MOTOR DIV., GMC	MI 535-79		N	BOILERS, COAL FIRED, 2 EA	NOX	.60LB/MMBTU 30D AV	B*
					PM	.03LB/MMBTU	L*
					SO2	.60LB/MMBTU 30D AV	B*
				COAL, LIME, HANDLING, & STOR*	PM	.03GR/DSCF	B*
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM	.30LB/MMBTU	B*
					SO2	1.40LB/MMBTU	B*
CAMPBELL SOUP CO.	NC NC 074	305.00MMBTU/H	M	CAN CONTROL	VOC	40.00LB/D	R*
				FLUIDIZED BED COMBUSTION	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
CHEVROLT TRUCK ASSEMBLY *	MI 426-79		N	ASH HANDLING SYS.	PM	.03GR/DSCF	
				BOILER, COAL FIRED	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H AV	
				COAL HANDLING SYS	PM	.03GR/DSCF	
CHICAGO & NORTHWESTERN T*	MI 161-80		N	RR CAR DUMPING	PM	.02LB/MLB EXHAUST	
COLT INDUSTRIES - HOLLEY*	TN (R)PSD-TN-061		M	WHOLE PLANT	VOC	33.00T/YR	B*
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CRANSTON PRINT WORKS	(CONTINUED)						
					SO2	1.20LB/MMBTU	B*
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19		N	BOILER, COAL-FIRED	PM	.06LB/MMBTU	
					SO2	1.60LB/MMBTU 24H	B*
GAF CORP.	CA SE-78-07		N	FILLER STORAGE SILO	PM	.47LB/H	
						.02GR/SCF	
				FILLER UNLOAD	PM	.45LB/H	
						.02GR/SCF	
				FILLER USE BIN	PM	.14LB/H	
						.02GR/SCF	
				SAND STORAGE	PM	.17LB/H	
						.02GR/SCF	
				SAND & TALC USE BINS	PM	.03LB/H	
						.02GR/SCF	
				SATURATOR	PM	1.89LB/H	
						.02GR/SCF	
				SURFACING & WINDING SECTIONS*	PM	2.57LB/H	B*
						.02GR/SCF	B*
				TALC STORAGE	PM	.17LB/H	
						.02GR/SCF	
				TALC UNLOAD	PM	.53LB/H	
						.02GR/SCF	
				UNWIND & FESTOON SECTIONS OF*	PM	1.29LB/H	B*
						.02GR/SCF	B*
GAF CORP.	PA 78PA15	35000.00T/YR	M	MILL	PM	.96LB/H	B*
GENERAL ELECTRIC CO.	AL SEE NOTES		N	BOILER	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BOILERS, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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SOURCE TYPE CODE 11.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				COAL PREP PLANT	FU*	.01GR/DSCF	
					VE	.00% ACROSS PROP.*	
				ELECTRIC ARC FURNACES, 3	PM	.00GR/SCF	
						29.40LB/H	
					VE	15.00% OPACITY	
				FIXED HEARTH INCINERATOR	CO	42.50LB/H	
					HCL	1.00% OF CL INPUT	
					NOX	48.00LB/H	
					PM	.08GR/DSCF	
					PO*	.01% OF POHC INPUT	
					SO2	6.00LB/H	
				PRODUCTION UNITS			
				ROTARY KILN INCINERATOR	CO	43.70LB/H	
				ROTARY KILN INCINERATOR	CO	43.70LB/H	
				ROTARY KILN INCINERATOR	HCL	1.00% OF CL INPUT	
				ROTARY KILN INCINERATOR	HCL	1.00% OF CL INPUT	
				ROTARY KILN INCINERATOR	NOX	94.70LB/H	
				ROTARY KILN INCINERATOR	NOX	94.70LB/H	
				ROTARY KILN INCINERATOR	PM	.08GR/DSCF	
				ROTARY KILN INCINERATOR	PM	.08GR/DSCF	
				ROTARY KILN INCINERATOR	PO*	.01% OF POHC INPUT	
				ROTARY KILN INCINERATOR	PO*	.01% OF POHC INPUT	
				ROTARY KILN INCINERATOR	SO2	13.80LB/H	
				ROTARY KILN INCINERATOR	SO2	13.80LB/H	
GENERAL MOTORS	KS	75.00CARS/H	N	BOILERS, COAL FIRED SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30D AV	B*
						1.60MAXIMUM	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
GM DELCO PRODUCTS DIV	OH 08-144		N	BOILER #4	PM .06LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM	N	BOILERS, COAL FIRED, 2 EA	NOX .60LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 1.40LB/MMBTU	
				COAL & ASH HANDLING	PM .03GR/DSCF	
GM PROVING GROUND	MI 658-78	160000.00LB/H	N	BOILERS, COAL FIRED, 4 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU	
				COAL & ASH HANDLING	PM .03GR/DSCF	
GMC ASSEMBLY PLANT	MI 208-80	826.66	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24H AV	
				COAL & ASH HANDLING EQUIPMENT	PM .03GR/DSCF	
				SPREADER-STOKER	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24H AV	
GMC ASSEMBLY PLANT	MI 194-80	75.00CARS/H	N	PAINT PRIMER	VOC 304.50LB/H	L*
					VOC 663.00LB/H	L*
				PAINTING EQUIP$.	PM 3.00GR/MCF EXHAUST	L*
GMC CADILLAC MOTORS CORP.	MI C-$763 THRU C-*	75.00AUTOS/H	N	ALL TOPCOAT PAINT BOOTHS	PM 98.00% OVERSPRAY CO*	
					VOC 2.80LB/GAL APPL. S*	
					37.00% TRANSFER EFF	
				ANTI-CORROSION, DOORS	PM 1.00GR/MCF	
					VOC 4.40LB/GAL APPL. S*	
				ANTI-CORROSION, FENDERS	VOC 4.00LB/GAL APPL. S*	
				BODY WELDING		
				BRONZE WELDING		
				ELPO PRIMER	VOC .16KG/L APPL. SOL.	
				FINAL REPAIR	PM 1.00GR/MCF	
					VOC 4.80LB/GAL APPL. S*	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
				FINISH GRIND	PM 3.00GR/MCF	
				FLEXIBLE PARTS	PM 98.00% OVERSPRAY CO*	
					VOC 2.60LB/GAL APPL. S*	
					VOC 4.20LB/GAL APPL. S*	
				OLEUM DECK	VOC 3.60LB/GAL WITH H2O	
				PAINT RACK BURN-OFF	PM 1.00GR/MCF	
				PRIMER/SURFACER	PM 98.00% OVERSPRAY CO*	
					VOC 3.20LB/GAL APPL. S*	
					62.00% TRANSFER EFF	
				ROUGH GRIND	PM 3.00GR/MCF	
				SEALER/ADHESIVES	VOC 70.90LB/H	
				SMALL PARTS	PM 98.00% OVERSPRAY CO*	
					VOC 2.80LB/GAL APPL. S*	
				TEMP. SENSITIVE PARTS BOOTH	PM 98.00% OVERSPRAY CO*	
					VOC 6.00LB/GAL APPL. S*	
				TRUCK COATING		
					VOC 2.80LB/GAL APPL. S*	
				UNDERBODY DEADNER	PM 98.00% OVERSPRAY CO*	
					VOC .42LB/GAL APPL. S*	
				WHEEL BOOTH	PM 98.00% OVERSPRAY CO*	
					VOC 2.80LB/GAL APPL. S*	
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	75.00AUTOS/H	N	ASH LOADOUT		
				ASH SILO	PM .01LB/MLB EXHAUST	
				ASH TRANSFER	PM .01LB/MLB EXHAUST	
				BOILER, POWERHOUSE, 3 EA		
					NOX .60LB/MMBTU	L*
					PM .03LB/MMBTU	L*
					SO2 1.10LB/MMBTU	B*
				COAL HANDLING		
				COAL STORAGE		
				COAL UNLOADING		
GMC CHEVROLT MOTOR DIV.	MI 488-79		M	STANDS, CARBURETOR TEST,40 EA	VOC .20PPH	L*
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU/H	M	COAL BOILER	NOX .55LB/MMBTU	B*
					PM .10LB/MMBTU	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION

REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	1.41LB/MMBTU	B*
HILTI INDUSTRIES, INC	OK T79-27		N	BLACK MANGANESE-PHOSPHATE LI* RACK STRIP LINE RUSH INHIBITOR LINE ZINC PLATING			
IBM	NY		N	GAS TURBINE, 2 EA IC ENGINES, 2 EA OC ENGINE			
IBM CORP.	CA SFB-82-01	59.00MW	M	TURBINE	NOX	142.00LB/H	B*
						40.00PPM	B*
					SO2	223.00LB/H	B*
IBM CORP.	KY C-78-18		M	KILO 3 & 4 COATERS KILO 5 & 6 COATERS			
MIDWEST FEATHER CO.	OH 14-468	100.00LB/H		DRYER & SEPARATOR	PM	.03LB/100 LB INPUT	T*
OHIO MEDICAL ANESTHETICS	OH 13-1213		N	FORANE MFG & STORAGE	OR*	4.63T/YR	
					PM	.73T/YR	
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	2.10LB/MMBTU COAL	B*
						2.51LB/MMBTU OIL	B*
					VE	20.00% OPACITY	B*
PHOENIX DYE WORKS	OH 13-1241		N	INCINERATOR, CONTROLLED AIR	PM	.46T/YR	
						.10LB/HUND. LB WA*	
POOL CO.	TX X3714		N	ABRASIVE CLEANERS PAINT BOOTHS	PM	.40T/YR	
					VOC	12.40T/YR SEE NOTE	
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO	.22LB/MMBTU	

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 11.0 GENERAL MANUFACTURING AND FABRICATION — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.10LB/MMBTU	B*
						.05GR/DSCF	B*
				HOGGING OPERATION	PM	.05GR/DSCF	B*
					VE	20.00% OPACITY	
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM	1.60LB/H	B*
					SO2	1.50LB/MMBTU	B*
TEXAS INSTRUMENTS, INC.	TX 14959		N	INTEGRATED CIRCUITS MFG	CL	4.28T/YR	B*
					VOC	.89T/YR	B*
					VOC	.97T/YR	B*
TRICO INDUSTRIES, INC.	TX C-9137		N	HEAT TREATING	CO	2.70LB/H	
					NOX	1.70LB/H	
				PROTECTIVE COATING	VOC	18.76LB/H	
				STEEL SHOT CLEANING	PM	15.00LB/H	

SOURCE TYPE CODE -- 12.0 INSTITUTIONAL/COMMERCIAL

A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILERS (3)	CO	2.50LB/H	B*
					NOX	30.00LB/H	B*
					PM	.58LB/H	B*
					SO2	66.70LB/H	B*
					VOC	.50LB/H	B*
CHATTANOOGA-HAMILTON COU*	TN 0150-50200505-*		N	INCINERATOR	PM	.08GR/DSCF	B*
						.10LB/100 LB CHAR*	B*
CHATTANOOGA-HAMILTON COU*	TN 0150-50200505-*		N	INCINERATOR	PM	.08GR/DSCF	B*
						.10LB/100 LB CHAR*	B*
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H	N	ASH HANDLING	PM	.05GR/DSCF	S*
				ASH SILO	PM	.05GR/DSCF	S*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 12.0 INSTITUTIONAL/COMMERCIAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
				COAL BUNKER	PM	.05GR/DSCF	S*
				COAL CONVEYOR	PM	.05GR/DSCF	S*
				COAL FIRED BOILERS, 4	NOX	.62LB/MMBTU	B*
					PM	.05LB/MMBTU	
					SO2	.71LB/MMBTU	
				COAL HANDLING	PM	.05GR/DSCF	S*
				COAL SILO	PM	.05GR/DSCF	S*
				LIME BIN	PM	.05GR/DSCF	S*
				LIME BLOWER	PM	.05GR/DSCF	S*
				LIME SILO	PM	.05GR/DSCF	S*
				RECOVERY BIN	PM	.05GR/DSCF	S*
LORING AIR FORCE BASE	ME 21-25	169.00MMBTU/H	N	ASH SILO DISCHARGE			
				BOILER #7	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.60LB/MMBTU	
				BOILER #8	NOX	.70LB/MMBTU	
					PM	.07LB/MMBTU	
					SO2	1.80LB/MMBTU	
				CAR SHAKER BLDG VENT			
				COAL HANDLING			
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEA*	N	COAL FIRED BOILER			
					PM	.04GR/DSCF	
					VE	20.00% OPACITY	
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	N	BOILER, COAL FIRED	PM	.23LB/MMBTU	B*
						56.50LB/H	B*
					SO2	2.11LB/MMBTU	B*
						523.10LB/H	B*
NORTHERN MICHIGAN UNIV.	MI 121-80		N	COAL & ASH HANDLING & STORAGE	PM	.03GR/DSCF	
				COAL-FIRED BOILERS, 3 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.40LB/MMBTU	
RADFORD ARMY AMMUNITION *	VA 79VA07		N	CAMB THERMAL DEHYDRATOR	PM	.90LB/H	B*

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SOURCE TYPE CODE 12.0

TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 12.0 INSTITUTIONAL/COMMERCIAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VOC	217.00LB/H	B*
SCHAAF LANE GREENHOUSE, *	OH 13-1093		N	BOILER, COAL FIRED	PM	.20LB/MMBTU	
					SO2	2.50LB/MMBTU	
SOUTHERLY WASTEWATER TRE*	OH 13-1126		N	MIXING TANK, SLUDGE	H2S	.90PPM	
					VOC	.00LB/H	
UNIVERSITY HOSPITAL	OH 1431070207B003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM	.23LB/MMBTU	
					SO2	2.00LB/MMBTU	
UNIVERSITY OF CINCINATI	OH 1431070849		M	HEATING PLANT - COAL	PM	.18LB/MMBTU	
					SO2	1.60LB/MMBTU	
UNIVERSITY OF WYOMING	WY CT-283 SEE NOTE	146.40MMBTU/H	N	ASH HANDLING, STORAGE SILO	PM	.20LB/H	
				BOILER, COAL, 3 EA, NOTE #1	CO	.12LB/MMBTU	
					NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU NOTE *	N*
					SO2	1.60LB/MMBTU	B*
					VOC	.06LB/MMBTU	
UNIV. OF MICH., CEN HEAT*	MI 531-78		N	BOILERS, GAS/OIL-FIRED	NOX	.30LB/MMBTU OIL	
					NOX	.20LB/MMBTU GAS	
					SO2	.52LB/MMBTU	
US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	M	COAL CONV	PM	1.00T/YR	B*
				COAL STOCKPILE	PM	1.00T/YR	B*
				HANDLING(ASH)			
				LIME SYS	PM	6.00T/YR	B*
				PILE RECLAIM	PM	1.00T/YR	B*
				WIND EROSION	PM	27.00T/YR	B*
				3 HEATERS	NOX	.50LB/MMBTU	B*
						106.00LB/H	B*
					PM	7.60LB/H	B*
					SO2	.32LB/MMBTU	B*
						67.80LB/H	B*

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TABLE 2. CONTROL TECHNOLOGY DETERMINATIONS BY TYPE OF SOURCE

SOURCE TYPE CODE: 12.0 INSTITUTIONAL/COMMERCIAL — REPORT DATE 05/11/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
USAF - CHANUTE BASE	IL 83 12 0026		N	BOILER, 4	NOX	.60LB/MMBTU	B*

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SOURCE TYPE CODE 12.0

APPENDIX C

TABLE 2A CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 3.3							
NEVADA PWR CO./REID GARD*	NV (R)NV 79-03	250.00MW	M	GENERATOR	NOX	.50LB/MMBTU SB. C*	
						.60LB/MMBTU BIT. *	
					PM	.03LB/MMBTU	
					SO2	.29LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 4.4							
STEELCASE, INC.	MI 51-80		N	BOILER, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.60LB/MMBTU	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 5.6							
HAMPTON ROADS ENERGY CO.	VA 78VA01	184000.00BPSD	N	GEN,UTILITY STEAM,STACK 3	CO	20.00LB/H	B*
					NOX	106.00LB/H	B*
					PM	34.00LB/H	B*
					SO2	180.00LB/H	N*
SOURCE TYPE CODE -- 5.6							
MIAMI VALLEY REFIN. CO.	IN PC(15)1485		N	FBC COAL FIRED BOILER	PM	.06LB/MMBTU	
					SO2	.14LB/MMBTU	
SOURCE TYPE CODE -- 5.6							
SWANN OIL CO.	VA 78VA04	26000.00BPSD	N	BOILER, STEAM	CO	.60LB/H	B*
					NOX	7.00LB/H	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM .50LB/H	B*
					SO2 .20LB/H	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.43						
ELI LILLY	IN EPA-5-A-81-7		N	COAL FIRED BOILER	NOX .60LB/MMBTU	
					323.00T/YR	
					PM .09LB/MMBTU	
					49.60T/YR	
					SO2 1.60LB/MMBTU 3H AV	
SOURCE TYPE CODE -- 6.43						
MEAD JOHNSON & CO.	IN PC(65) 1507		N	BOILERS, COAL-FIRED, 2 EA	NOX .65LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 2.10LB/MMBTU	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.53						
ASHLAND SYNTHETIC FUELS,*	KY C79121	70400.00T/YR	N	BOILER	CO 1.00T/YR	
					NOX 6.00T/YR	
					PM 2.00LB/H	
					10.00T/YR	
					SO2 3.00T/YR	
					VOC 1.00T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.54							
CELANESE, AMCELLE PLANT	MD 78MD08-R	110000.00LB/H STEAM	N	BOILER, COAL FIRED	PM	9.24LB/H	S*
						40.50T/YR	S*
					SO2	70.23LB/H	P*
						307.60T/YR	P*
SOURCE TYPE CODE -- 6.54							
E.I. DUPONT	SC (R)SC-034	97.00MMBTU/H EA	N	BOILERS, COAL, #1 + #2	NOX	.70LB/MMBTU	B*
					PM	.09LB/MMBTU	B*
					SO2	1.70LB/MMBTU	B*
SOURCE TYPE CODE -- 6.54							
E.I. DUPONT	NC NC-067	245.00MMBTU/H C*		BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
						24.50LB/H	B*
					SO2	2.20LB/MMBTU	B*
SOURCE TYPE CODE -- 6.54							
SPARTAN MILLS	GA 2211-124-8586	284.40MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 6.61							
ADC-I, LIMITED	NE	10.00MMGAL/YR	N	BOILER, COAL FIRED	NOX	.50LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 6.61							
AM. MODERN FOOD ENERGY S*	IA	40.00MMGAL/YR	N	BOILER, PULV. COAL	NOX	.70LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.03LB/MMBTU	N*
					SO2	2.00LB/MMBTU	B*
SOURCE TYPE CODE -- 6.61							
CONSOLIDATED ENERGY GROU*	IA	10.20MMGAL/YR	N	BOILER, COAL FIRED, STOKER	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
						14.90T/YR	B*
					SO2	2.00LB/MMBTU	B*
SOURCE TYPE CODE -- 6.61							
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	PROCESS STM GEN, COAL FIRED	NOX	.70LB/MMBTU	B*
					PM	.04LB/MMBTU	B*
					SO2	.68LB/MMBTU	B*
SOURCE TYPE CODE -- 6.61							
MIDWEST SOLVENTS	IL 82 10 0034		N	BOILER, FLUIDIZED BED			
					NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	S*
					SO2	1.20LB/MMBTU 30D AV	L*
						85.00% REDUCTION	L*
SOURCE TYPE CODE -- 6.61							
NEBRASKA ALCOHOL FUEL CO*	NE	10.00MMGAL/YR	N	BOILER	NOX	.50LB/MMBTU	
					PM	.05LB/MMBTU	
					SO2	1.16LB/MMBTU	
SOURCE TYPE CODE -- 6.61							
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	
					PM	.03LB/MMBTU	L*
					SO2	1.20LB/MMBTU 3H AV	
SOURCE TYPE CODE -- 6.61							
NEW ENGLAND ETHANOL, INC.	ME 2191	25.00MMGAL/YR	N	BOILER, COAL	NOX	.70LB/MMBTU 2H AV	B*
					PM	.08LB/MMBTU	B*
					SO2	1.80LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 6.62						
ARKANSAS EASTMAN	AR (R)PSD-AR-311		M	BOILER, COAL-FIRED	NOX .60LB/MMBTU	B*
					PM .06LB/MMBTU	B*
					SO2 1.60LB/MMBTU	B*
SOURCE TYPE CODE -- 6.62						
B.F. GOODRICH CHEMICAL G*	LA (R)PSD-LA-326	5500.00MMLB/YR (*	M	BOILER, COAL FIRED	CO .08LB/MMBTU	B*
					NOX .70LB/MMBTU	N*
					PM .02LB/MMBTU	B*
					SO2 .33LB/MMBTU	B*
SOURCE TYPE CODE -- 6.62						
B.F. GOODRICH CO.	OH 1947030004			COAL FIRED BOILER	CO .19LB/MMBTU	B*
					200.00T/YR	B*
					NOX .70LB/MMBTU	B*
					730.00T/YR	B*
					PM .06LB/MMBTU	B*
					63.00T/YR	B*
					SO2 1.20LB/MMBTU	L*
					1250.00T/YR	L*
SOURCE TYPE CODE -- 6.62						
B.F. GOODRICH, CHEMICAL *	KY KG-091	152.30MMBTU/H	M	COAL FIRED BOILER	PM .03LB/MMBTU	
					SO2 1.00LB/MMBTU	
SOURCE TYPE CODE -- 6.62						
EMERY INDUSTRIES	OH OHIO 14-312		M	BOILER, COAL-FIRED	NOX .70LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
SOURCE TYPE CODE -- 6.62					
E.I. DUPONT DE NEMOURS	OH EPA-5-A-81-1		N	BOILERS, COAL-FIRED, 2	NOX .60LB/MMBTU
					PM .06LB/MMBTU
					SO2 1.60LB/MMBTU
SOURCE TYPE CODE -- 6.62					
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	BOILER, SPREADER STOKER	CO .10LB/MMBTU COAL B*
					CO .04LB/MMBTU RESID* B*
					CO .04LB/MMBTU DIST * B*
					CO .02LB/MMBTU N. GAS B*
					NOX .70LB/MMBTU COAL B*
					NOX .30LB/MMBTU RESID* N*
					NOX .16LB/MMBTU DIST * B*
					NOX .17LB/MMBTU N. GAS B*
					PM .02LB/MMBTU COAL B*
					PM .02LB/MMBTU RESID* B*
					PM .01LB/MMBTU DIST * B*
					PM .01LB/MMBTU N. GAS B*
					SO2 .32LB/MMBTU COAL B*
					SO2 .14LB/MMBTU RESID* B*
					SO2 .32LB/MMBTU DIST * B*
					SO2 .00LB/MMBTU N. GAS B*
SOURCE TYPE CODE -- 6.62					
LITHIUM CORP.	NC (R)NC-075	233.90MMBTU/H	M	BOILER	NOX .70LB/MMBTU N*
SOURCE TYPE CODE -- 6.62					
MALLINCKRODT, INC	MO		M	COAL FIRED BOILER	NOX .60LB/MMBTU
					.30LB/MMBTU FUEL *
					NOX .20LB/MMBTU GAS
					SO2 2.00LB/MMBTU 30D R*
					2.85LB/MMBTU MAX/D*
					SO2 1.20LB/MMBTU MAX/D*
					1.20LB/MMBTU FUEL *
					SO2 .01LB/MMBTU GAS

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 6.62						
MALLINCKRODT, INC.	NC 5126	60.00MMBTU/H	M	BOILER, COAL FIRED	NOX .70LB/MMBTU	
					SO2 1.50LB/MMBTU	
SOURCE TYPE CODE -- 6.62						
MONSANTO CO.	IA	150.00MMBTU/H	M	BOILER B-8 SPREADER-STOKER	NOX .60LB/MMBTU 30D R*	B*
					PM .03LB/MMBTU	B*
					SO2 1.95LB/MMBTU 3H R *	B*
					VE 20.00%, 6 MIN AVG.	B*
SOURCE TYPE CODE -- 6.62						
SHELL CHEMICAL CO.	LA		N	BOILERS, 3 EA	CO .06LB/MMBTU	B*
					38.00LB/H	B*
					NOX .70LB/MMBTU	B*
					416.00LB/H	B*
					PM .09LB/MMBTU	B*
					53.00LB/H	B*
					SO2 1.20LB/MMBTU	B*
					713.00LB/H	B*
SOURCE TYPE CODE -- 6.62						
TENNESSEE EASTMAN CO.	TN TN 065		M	BOILER-COAL FIRED	PM 14.00LB/H	B*
					SO2 936.00LB/H	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 7.3						
CARGILL, INC.	OH 08-124		N	COAL BOILER	NOX .49LB/MMBTU	
					PM .03LB/MMBTU	B*
					SO2 1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 7.3						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CENTRAL SOYA CO., INC.	TN 0460-10200202-*	143.70MMBTU/H	N	BOILER, FBC, COAL FIRED	BE	.00LB/H	B*
					CO	.17LB/MMBTU	B*
					F	.00LB/H	B*
					HG	.00LB/H	B*
					NOX	.60LB/MMBTU	B*
					PB	.00LB/H	B*
					PM	.04LB/MMBTU	L*
					SO2	.44LB/MMBTU	B*
					VOC	6.30LB/H	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	COAL BOILERS, 3	CO	11.20LB/H EA	B*
						.06LB/MMBTU	B*
					NOX	125.00LB/H EA	B*
						.70LB/MMBTU	B*
SOURCE TYPE CODE -- 7.4							
COORS CO.	VA 80VA01	221.00MMBTU 3 EA	N	BOILER, COAL FIRED, 3	CO	.40LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	.24LB/MMBTU	
					VE	5.00% OPACITY	B*
					VOC	.02LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.9							
A.E. STALEY	IL 83 05 0091		N	BOILER	NOX	.60LB/MMBTU	B*
					PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 7.9							
OWENSBORO GRAIN CO.	KY C-81-70	360000.00T SOYBEAN*	M	BOILER, COAL FIRED, & FUEL H*	NOX	.70LB/MMBTU	
					SO2	1.60LB/MMBTU	
SOURCE TYPE CODE -- 7.9							
QUINCY SOYBEAN	IL 83 05 0033		N	BOILER, 2	CO	200.00PPM MAX	B*
					NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU	S*
					SO2	1.80LB/MMBTU	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.11							
A.E. STALEY MFG. CO.	IA		M	BOILER, COAL FIRED, 2 UNITS	NOX	.60LB/MMBTU	B*
					SO2	1.60LB/MMBTU MAX	B*
						1.20LB/MMBTU 30D AV	B*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 7.12							
A.E. STALEY MFG. CO.	PA 81PA01	249.00MMBTU/H	M	COAL BOILER	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	

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PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.12							
BOONE VALLY COOP.	IA	45.00MMBU/YR	M	COAL-FIRED BOILER	NOX	.60LB/MMBTU	
					SO2	2.00LB/MMBTU	
SOURCE TYPE CODE -- 7.12							
CARGILL, INC.	SC	161.20MMBTU/H	M	BOILERS, #5 + #6	PM	29.00LB/H	B*
					SO2	326.90LB/H	B*
SOURCE TYPE CODE -- 7.12							
GENERAL FOODS CORP.	DE APC 83/074	243.00MMBTU/H	N	BOILER, COAL FIRED	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	3.04LB/MMBTU	
SOURCE TYPE CODE -- 7.12							
GRIFFIN INDUSTRIES	IN			BOILER, COAL FIRED	NOX	183.00T/YR	
SOURCE TYPE CODE -- 7.12							
R. J. REYNOLDS	NC	248.00MMBTU/H, *	N	BOILER, PULVERIZED COAL FIRE*	BE	.00GM/MMBTU	B*
					CO	.04LB/MMBTU	B*
					F	.00LB/MMBTU	B*
					HG	.00GM/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PB	.00GM/MMBTU	B*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
					VOC	.01LB/MMBTU	B*
SOURCE TYPE CODE -- 7.12							
R. J. REYNOLDS TOBACCO C*	NC 00405-0004-P	302.60MMBTU/H	M	BOILER	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
					VE	20.00% OPACITY	L*

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PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 9.4							
FLORIDA CRUSHED STONE	FL FL-090	362.00MW	N	BOILER, FURNACE	NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	.90LB/MMBTU	
						915.00LB/H MAX	
					VE	20.00% OPACITY MAX	
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 9.6							
ETSI	AR 700-A	15500.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 9.6							
ETSI	AR 705-A	15900.00T/D	N	BOILER, COAL			
					NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 9.18							
TENNESSEE EASTMAN CO.	TN		N	BOILER, 2	CO	.07LB/MMBTU	B*
					NOX	.60LB/MMBTU	B*
					PM	.04LB/MMBTU	L*
					SO2	1.20LB/MMBTU	B*

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PROCESS CODE 1.1

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					VOC	.03LB/MMBTU	L*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.1							
CHAMPION INTERNAT. CORP.	MI 33-80		N	COAL-FIRED BOILER	NOX	.70LB/MMBTU	N*
					PM	.06LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	POWER BOILER	CO	3.12LB/H	B*
						.06LB/MMBTU	B*
					NOX	371.00LB/H	N*
						.70LB/MMBTU	N*
					PM	53.00LB/H	N*
						.01LB/MMBTU	N*
					SO2	636.00LB/H	N*
						1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
OLINKRAFT	LA (R)PSD-LA-037		N	BOILER	PM	.10LB/MMBTU	B*
					SO2	.73LB/MMBTU	B*
SOURCE TYPE CODE -- 10.1							
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	POWER BOILER (COAL)	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.2							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILERS, COAL FIRED, 2	CO	25.60LB/H	B*
						111.80T/YR	B*
					NOX	435.40LB/H	B*
						1901.80T/YR	B*
					PM	62.20LB/H	B*
						271.80T/YR	B*
					SO2	746.40LB/H	B*
						3260.40T/YR	B*
SOURCE TYPE CODE -- 10.2							
SUNBELT FOREST PRODUCTS *	AL PSD-AL-073		N	BOILER, COAL, UNIT#2	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT#3	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
				BOILER, COAL, UNIT #1	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
PROCESS CODE -- 1.1							
SOURCE TYPE CODE -- 10.6							
AUSTELL BOX BOARD CO.	GA 2631-033-7994-C	313.00MMBTU/H	N	BOILER	CO	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.6							
HOOKER FURNITURE CORP.	VA 20523		M	WOOD/COAL BOILER	PM	.30LB/MMBTU	
SOURCE TYPE CODE -- 10.6							

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
MIAMI PAPER CORP.	OH 0857190134 B00*	94.60MMBTU/H	M	STOKER BOILER, 2	PM .15LB/MMBTU	
					SO2 1.60LB/MMBTU	
SOURCE TYPE CODE -- 10.6						
PACKAGING CORP. OF AM	MI 681-80		M	BOILER, 2 TOTAL	PM .10LB/MLB EXHAUST	
					SO2 1.67LB/MMBTU 24H AV	
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 11.0						
BUICK MOTOR DIV., GMC	MI 535-79		N	BOILERS, COAL FIRED, 2 EA	NOX .60LB/MMBTU 30D AV	B*
					PM .03LB/MMBTU	L*
					SO2 .60LB/MMBTU 30D AV	B*
SOURCE TYPE CODE -- 11.0						
BURLINGTON IND.	NC (R)PSD-NC-032	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0						
BURLINGTON IND.	NC (R)PSD-NC-034	122.00MMBTU/H	N	BOILER, COAL FIRED	PM .30LB/MMBTU	B*
					SO2 1.40LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0						
CHEVROLT TRUCK ASSEMBLY *	MI 426-79		N	BOILER, COAL FIRED	NOX .60LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU 24H AV	
SOURCE TYPE CODE -- 11.0						
FORD MOTOR CO., LIMA ENG*	OH EPA-5-A-80-19		N	BOILER, COAL-FIRED	PM .06LB/MMBTU	
					SO2 1.60LB/MMBTU 24H B*	
SOURCE TYPE CODE -- 11.0						
GENERAL ELECTRIC CO.	AL SEE NOTES		N	BOILER	CO .04LB/MMBTU	B*

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					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BOILERS, 2	CO	.04LB/MMBTU	B*
					NOX	.70LB/MMBTU	N*
					PM	.05LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	CO	.04LB/MMBTU	B*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	NOX	.70LB/MMBTU	N*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	PM	.05LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
				BOILER, 2	SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0							
GENERAL MOTORS	KS	75.00CARS/H	N	BOILERS, COAL FIRED SPREADER*	NOX	.60LB/MMBTU	B*
					PM	.03LB/MMBTU	B*
					SO2	1.20LB/MMBTU 30D AV	B*
						1.60MAXIMUM	B*
SOURCE TYPE CODE -- 11.0							
GM DELCO PRODUCTS DIV	OH 08-144		N	BOILER #4	PM	.06LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0							
GM HYDRA-MATIC	MI 657-78	120000.00LB/H STEAM	N	BOILERS, COAL FIRED, 2 EA	NOX	.60LB/MMBTU	
					PM	.06LB/MMBTU	
					SO2	1.40LB/MMBTU	
SOURCE TYPE CODE -- 11.0							
GM PROVING GROUND	MI 658-78	160000.00LB/H	N	BOILERS, COAL FIRED, 4 EA	NOX	.60LB/MMBTU	
					PM	.03LB/MMBTU	
					SO2	1.60LB/MMBTU	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 11.0						
GMC ASSEMBLY PLANT	MI 208-80	826.66	N	BOILER, COAL FIRED, 3 EA	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24H AV	
				SPREADER-STOKER	NOX .60LB/MMBTU	
					PM .03LB/MMBTU	
					SO2 1.60LB/MMBTU 24H AV	
SOURCE TYPE CODE -- 11.0						
GMC CADILLAC MOTORS CORP.	MI C-5764 THRU C-*	75.00AUTOS/H	N	BOILER, POWERHOUSE, 3 EA		
					NOX .60LB/MMBTU	L*
					PM .03LB/MMBTU	L*
					SO2 1.10LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0						
GREENWOOD MILLS, INC.	SC SC035	88.40MMBTU/H	M	COAL BOILER	NOX .55LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 1.41LB/MMBTU	B*
SOURCE TYPE CODE -- 11.0						
SAGINAW STEERING GEAR	AL AL 064	121.40MMBTU/H	M	BOILER, COAL FIRED	PM 1.60LB/H	B*
					SO2 1.50LB/MMBTU	B*
PROCESS CODE -- 1.1						
SOURCE TYPE CODE -- 12.0						
GRIFFISS AIR FORCE BASE	NY 30130004760029*	113.00MMBTU/H	N	COAL FIRED BOILERS, 4	NOX .62LB/MMBTU	B*
					PM .05LB/MMBTU	
					SO2 .71LB/MMBTU	
SOURCE TYPE CODE -- 12.0						
L.D.S. CHURCH WELFARE SQ*	UT	18000.00LB/H STEA*	M	COAL FIRED BOILER		

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM .04GR/DSCF		
					VE 20.00% OPACITY		
SOURCE TYPE CODE -- 12.0							
NORFOLK & WESTERN RAILWA*	VA 79VA14	82.60MMBTU/H	M	BOILER, COAL FIRED	PM .23LB/MMBTU		B*
					56.50LB/H		B*
					SO2 2.11LB/MMBTU		B*
					523.10LB/H		B*
SOURCE TYPE CODE -- 12.0							
NORTHERN MICHIGAN UNIV.	MI 121-80		N	COAL-FIRED BOILERS, 3 EA	NOX .60LB/MMBTU		
					PM .03LB/MMBTU		
					SO2 1.40LB/MMBTU		
SOURCE TYPE CODE -- 12.0							
SCHAAF LANE GREENHOUSE, *	OH 13-1093		N	BOILER, COAL FIRED	PM .20LB/MMBTU		
					SO2 2.50LB/MMBTU		
SOURCE TYPE CODE -- 12.0							
UNIVERSITY HOSPITAL	OH 1431070207B003	68.00MMBTU/H	M	BOILER, COAL FIRED	PM .23LB/MMBTU		
					SO2 2.00LB/MMBTU		
SOURCE TYPE CODE -- 12.0							
UNIVERSITY OF CINCINATI	OH 1431070849		M	HEATING PLANT - COAL	PM .18LB/MMBTU		
					SO2 1.60LB/MMBTU		
SOURCE TYPE CODE -- 12.0							
UNIVERSITY OF WYOMING	WY CT-283 SEE NOTE	146.40MMBTU/H	N	BOILER, COAL, 3 EA, NOTE #1	CO .12LB/MMBTU		
					NOX .70LB/MMBTU		B*
					PM .10LB/MMBTU	NOTE *	N*
					SO2 1.60LB/MMBTU		B*
					VOC .06LB/MMBTU		
SOURCE TYPE CODE -- 12.0							
US AIRFORCE-MALMSTROM	MT	318.00MMBTU/H	M	3 HEATERS	NOX .50LB/MMBTU		B*
					106.00LB/H		B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.1 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					PM 7.60LB/H	B*
					SO2 .32LB/MMBTU	B*
					67.80LB/H	B*
SOURCE TYPE CODE -- 12.0						
USAF - CHANUTE BASE	IL 83 12 0026		N	BOILER, 4	NOX .60LB/MMBTU	B*
PROCESS CODE -- 1.2						
SOURCE TYPE CODE -- 4.12						
W.F. HALL PRINTING CO.	GA 2754-036-8480	120.00MMBTU/H	N	BOILERS, 2	PM .10LB/MMBTU	N*
					SO2 246.00LB/H	N*
					.80LB/MMBTU	N*
PROCESS CODE -- 1.2						
SOURCE TYPE CODE -- 5.5						
TOSCO CORP.	CA (R)SJ-78-26		M	CO BOILER	CO 45.70LB/H	L*
					NOX 41.00LB/H	B*
					SO2 .50% S FUEL	L*
PROCESS CODE -- 1.2						
SOURCE TYPE CODE -- 5.14						

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
CHEVRON USA, INC.	CA NSR-4-4-8 SJ-7*	450.00MMBTU/H	M	BOILERS, 9	PM	3.60LB/H	L*
					SO2	10.80LB/H	B*
SOURCE TYPE CODE -- 5.14							
PARAHO DEVELOPMENT CORP.	UT		N	PACKAGE BOILER	CO	5.00LB/MGAL	
					NOX	22.00LB/MGAL	
					PM	2.00LB/MGAL	
					SO2	.50% S CONTENT	
					VOC	1.00LB/MGAL	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.55							
FIRESTONE TIRE CO.	GA GA 067	96.40MMBTU/H	M	BOILER, OIL FUEL	PM	.16LB/MMBTU	B*
SOURCE TYPE CODE -- 6.55							
FIRESTONE TIRE CO.	NC NC-024	27700.00LB/H INPUT	N	BOILER	SO2	106.00LB/H	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.61							
AM. MODERN FOOD ENERGY S*	IA	40.00MMGAL/YR	N	TWO BOILERS, OIL/GAS	NOX	.25LB/MMBTU OIL	B*
						.20LB/MMBTU NAT G*	B*
					PM	.03LB/MMBTU	N*
					SO2	.50LB/MMBTU	B*
SOURCE TYPE CODE -- 6.61							
NEW ENERGY CORP.	IN EPA-5-A-82-1		N	OIL-FIRED BOILER	NOX	.60LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					PM	.02LB/MMBTU	L*
					SO2	.31LB/MMBTU	
SOURCE TYPE CODE -- 6.61							
NEW ENGLAND ETHANOL, INC.	ME 2191	25.00MMGAL/YR	N	BOILER, NO. 2 OIL			
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 6.62							
ALLIED CHEMICAL	LA (R)PSD-LA-104		M	BOILER	NOX	.30LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.07LB/MMBTU	B*
					VOC	.01LB/MMBTU	B*
SOURCE TYPE CODE -- 6.62							
MEREDITH/BURDA, INC.	NC NC-064	6200.00BTU/LB	N	BOILER	PM	4.00LB/H	B*
SOURCE TYPE CODE -- 6.62							
PROCTOR & GAMBLE	GA GA 008		N	BOILER	SO2	1.00% S OIL	
SOURCE TYPE CODE -- 6.62							
SHELL CHEMICAL CO.	LA		N	BOILER, 2 TEMPORARY	CO	.03LB/MMBTU	B*
						6.53LB/H EA	B*
					NOX	.30LB/MMBTU	B*
						59.60LB/H EA	B*
					PM	.10LB/MMBTU	B*
						19.90LB/H EA	B*
					SO2	.75LB/MMBTU	B*
						148.90LB/H EA	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	TX (R)PSD-TX-246	10.00MMBBL/YR	M	OIL BOILERS, 3	CO	2.70LB/H EA	B*
						.04LB/MMBTU	B*
					NOX	32.10LB/H EA	B*
						.42LB/MMBTU	B*
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	VA 79VA15	98.00MMBTU/H	N	BOILER	SO2	1.07LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 7.8							
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	195.00MMBTU/H	N	BOILER, NO. 6 OIL	SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	
SOURCE TYPE CODE -- 7.8							
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, NO. 6 OIL	PM	.10LB/MMBTU INPUT	B*
					SO2	1.00% MAX S OIL	B*
					VE	30.00% OPACITY	B*
					VOC	2.00LB/T	S*
SOURCE TYPE CODE -- 7.8							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #8 *	PM	.10LB/MMBTU	B*
					SO2	1.00% S OIL	B*
					VE	30.00% OPACITY	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.2 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.12							
CAMPBELL SOUP CO.	NC NC-065	113.00MMBTU/H EA	N	BOILER	SO2	1.30LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 8.5							
THE TIMKEN CO.	OH 1576051246	1.10MMT/YR	N	BOILERS, 3 EA.	CO	.04LB/MMBTU	
					NOX	.25LB/MMBTU	
					PM	.02LB/MMBTU	
					SO2	.55LB/MMBTU	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 8.17							
DEGUSSA CHEM CORP.	AL AL 072	205.68MMBTU/H	M	HEAT BOILER, FUEL OIL, NATUR*	NOX	.40LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 10.1							
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, OIL FIRED	CO	25.20LB/H	N*
					NOX	226.80LB/H	N*
					PM	75.60LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
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PROCESS CODE 1.2 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	604.80LB/H	N*
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 10.6							
NATICK PAPERBOARD	MA 24-119-MA-13	60.00MMBTU/H	M	BOILER,REPLACEMENT,OIL-FIRED	PM	.10LB/MMBTU	
					SO2	145.94LB/H	B*
SOURCE TYPE CODE -- 10.6							
PROCTOR & GAMBLE PAPER P*	TX PSD-TX-89		N	STEAM GEN	NOX	30.00LB/H	
					PM	6.90LB/H	
					SO2	75.90LB/H	
PROCESS CODE -- 1.2							
SOURCE TYPE CODE -- 11.0							
A.O. SMITH CORP.	WI ATT-03-80-41-0*		M	BOILER	PM	.15LB/MMBTU	
SOURCE TYPE CODE -- 11.0							
CRANSTON PRINT WORKS	NC NC-030	243.00MMBTU/H	N	BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	B*
					SO2	1.20LB/MMBTU	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 12.0						
A.I. DUPONT INSTITUTE	DE (R)79-DE-01	37.50MMBTU/H	M	BOILERS (3)	CO 2.50LB/H	B*
					NOX 30.00LB/H	B*
					PM .58LB/H	B*
					SO2 66.70LB/H	B*
					VOC .50LB/H	B*
PROCESS CODE -- 1.3						
SOURCE TYPE CODE -- 4.2						
INTERNAT. LABEL MFG. FAC.	TN PSD-TN-060		M	BOILERS, NAT. GAS, 3 EA	SO2 152.88T/YR	B*
PROCESS CODE -- 1.3						
SOURCE TYPE CODE -- 5.6						
HILL PETROLEUM CO.	LA (R)PSD-LA-286A		M	BOILER	CO 4.00LB/MMBTU GAS	
					1.50LB/MMBTU PROPA*	
					NOX .10LB/MMBTU GAS	
					.11LB/MMBTU PROPA*	
PROCESS CODE -- 1.3						
SOURCE TYPE CODE -- 5.12						
AMOCO PRODUCTION	WY CT-272	250.00MMCFD	M	BOILER, GAS, 2 EA	NOX .20LB/MMBTU	B*

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PROCESS CODE 1.3

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.12							
CHEVRON U.S.A.	WY CT-297	420.00MMCFD		BOILER, GAS, 6 EA	NOX	.20LB/MMBTU	B*
SOURCE TYPE CODE -- 5.12							
CIG	WY CT-58	60.00MMCFD	N	BOILER, GAS, 2	NOX	.20LB/MMBTU	S*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 5.14							
RIO BLANCO OIL SHALE-#1	CO	2.00MBBL/D	M	HEATER	NOX	1.00LB/H	B*
				2 BOILERS	NOX	39.60LB/H	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 5.16							
COLORADO INTERSTATE GAS	OK (R)PSD-OK-358		N	BOILER	CO	.05LB/H	B*
					NOX	.32LB/H	B*
					PM	.01LB/H	B*
					SO2	.00LB/H	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.24							

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PROCESS CODE 1.3 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
TEX-USS	TX (R)PSD-TX-336	270.00MT/YR	M	STEAM BOILER	NOX	.11LB/MMBTU	B*
				STEAM BOILER	NOX	.11LB/MMBTU	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.59							
SHINLOCH, INC.	TX (R)PSD-TX-327	350.00MT/YR	M	STEAM BOILER	NOX	.12LB/MMBTU	B*
				STEAM BOILER	NOX	.12LB/MMBTU	B*
SOURCE TYPE CODE -- 6.59							
SHINTECH, INC.	TX PSD-TX-285	350.00MT/YR	M	BOILER, 2	PM	.30LB/H	
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 6.61							
ARCHER DANIELS MIDLAND	IL 81 07 0035		M	BOILER, NAT. GAS FIRED	NOX	.17LB/MMBTU	
SOURCE TYPE CODE -- 6.61							
MAPEE ALCOHOL FUEL, INC.	TX (R)PSD-TX-374	23.00MMGAL/YR *	N	AUXILIARY BOILER, NAT. GAS	NOX	.00LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.00LB/MMBTU	B*
PROCESS CODE -- 1.3							

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.62							
BASF-WYANDOTTE	LA		M	STEAM BOILER	NOX	36.40LB/H	B*
						.12LB/MMBTU	B*
SOURCE TYPE CODE -- 6.62							
PPG INDUSTRIES	WV 79WV06	243.00MMBTU/H	M	BOILER	NOX	.70LB/MBTU	B*
PROCESS CODE -- 1.3							
SOURCE TYPE CODE -- 9.8							
PPG INDUSTRIES	TX (R)PSD-TX-290		N	BOILERS, 2	NOX	4.80LB/H	B*
						.23LB/MMBTU	B*
					PM	.30LB/H	
						.01LB/MMBTU	
					SO2	.01LB/H	B*
						.00LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 2.3							
WATSON ENERGY SYS, INC.	CA (R)LA 77-02	1440.00T/D WOOD *	N	STEAM GEN. UNITS, 4, WASTE/F*	NOX	83.00LB/H	L*
					PM	4.00LB/H	L*
					SO2	64.00LB/H	L*

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PROCESS CODE 1.4

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 3.1							
KISSIMMEE UTILITIES	FL AC 49-74856		N	BOILER, WASTE HEAT	SO2	.50LB/MMBTU	
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 4.4							
KINCAID FURNITURE CO., I*	NC 5276		M	BOILER, WOODWASTE, 2			
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 7.9							
GOLD KIST INC., GOLD KIS*	GA 2075-092-8088-C	95.00MMBTU/H	M	WELLON TYPE A BOILER	NOX	.70LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.1							
ALABAMA KRAFT	AL PSD-AL-067		M	BOILER, WOODWASTE	NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
GEORGIA-PACIFIC CORP.	LA (R)PSD-LA-0041		M	WOOD-FIRED BOILER	CO	25.00LB/H	B*
						.09LB/MMBTU	B*

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PROCESS CODE 1.4

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					NOX	26.70LB/H	B*
						.10LB/MMBTU	B*
					PM	24.70LB/H	B*
						.01LB/MMBTU	B*
SOURCE TYPE CODE -- 10.1							
GEORGIA-PACIFIC CORP.	AR PSD-AR 317		M	BOILER, WOOD FIRED	CO	24.00LB/H	N*
						.11LB/MMBTU	N*
					NOX	26.00LB/H	B*
						.12LB/MMBTU	B*
SOURCE TYPE CODE -- 10.1							
LOUISANA-PACIFIC BOILER	CA 27440	477.00MMBTU/H	N	BOILER, WOOD WASTE FIRED	PM	17.00LB/H	B*
SOURCE TYPE CODE -- 10.1							
PORT ST. JOE	FL FL-075	882.00MMBTU/H	N	BOILER, BARK	CO	25.20LB/H	N*
					NOX	264.00LB/H	N*
					PM	88.21LB/H	N*
					SO2	705.70LB/H	N*
SOURCE TYPE CODE -- 10.1							
ST REGIS PAPER CO.	FL PSD-FL-041		M	BOILER, BARK FIRED, #4	PM	.10LB/MMBTU	N*
					SO2	.64LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
WESTVACO CORP. - FINE PA*	KY C-77-123	600.00ADT	M	BOILER, BARK	NOX	.30LB/MMBTU LIQ. *	N*
						.70LB/MMBTU SOLID*	N*
					PM	.10LB/MMBTU	B*
						46.30LB/H	B*
					SO2	1.20LB/MMBTU SEE N*	B*
						469.60LB/H	B*
SOURCE TYPE CODE -- 10.1							
WILLAMETTE INDUSTRIES, I*	KY C-80-24	120000.00T/YR	M	WOOD WASTE BOILER	NOX	.70LB/MMBTU NOTE#1	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.1							
WILLAMETTE INDUSTRIES, I*	KY KY-146	400.00MMBTU/H	N	BOILER, WOODWASTE	NOX	.40LB/MMBTU	B*
					PM	.04GR/DSCF	B*
					SO2	.32LB/MMBTU	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.2							
CAROLINA FOREST INDUSTRI*	SC (R)PSD-SC-039	170.00MMBTU/H	N	BOILER, BARK/WOODWASTE	NOX	1.19LB/MMBTU	B*
						205.00LB/H	B*
					PM	.25LB/MMBTU	B*
						43.00LB/H	B*
PROCESS CODE -- 1.4							
SOURCE TYPE CODE -- 10.3							
ABI TIBI CORP.	NC NC 076		M	WOOD FIRED BOILER	CO	44.04LB/H	N*
						192.90T/YR	N*
					NOX	35.23LB/H	N*
						154.30T/YR	N*
					PM	.10LB/MMBTU	N*
					SO2	33.03LB/H	
						145.00T/YR	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.4 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.4						
EVERGREEN FOREST PRODUCTS	ID	68.00MMBTU/H	N	BOILER, WOOD FIRED	CO 17.56LB/H SEE NOTE	
					NOX 17.56LB/H SEE NOTE	
					PM 21.22LB/H	
SOURCE TYPE CODE -- 10.4						
KIRBY FOREST INDUSTRIES	TX (R)PSD-TX-280		M	BOILER, FBD WOOD WASTE FIRE	PM 10.70LB/H	
SOURCE TYPE CODE -- 10.4						
ULTRASYSTEMS INC.	CA 82-PO-32	145.00MMBTU/H	N	BOILER	CO 126.00T/YR	
					NOX 139.00T/YR	
					PM .04GR/DSCF	
					SOX 21.00T/YR	
					VOC 55.00T/YR	
PROCESS CODE -- 1.4						
SOURCE TYPE CODE -- 10.6						
CROWN WOOD PRODUCTS	NC 4819		M	BOILER, WOOD-FIRED	VOC 917.00T/YR	B*
SOURCE TYPE CODE -- 10.6						
GEORGIA-PACIFIC CORP.	NC NC-061	165000.00LB/H	N	WOOD WASTE BOILER & ROTARY A*	PM 246.00T/YR	B*
SOURCE TYPE CODE -- 10.6						
HUDSON LUMBER CO.	CA 81-PO-17	150.00MMBTU/H	N	BOILER	CO 2.00LB/T FUEL	
					NOX 30.00LB/H 8H AV	
					PM .04GR/DSCF	
SOURCE TYPE CODE -- 10.6						
INTERNATIONAL PAPER CO.	AR PSD-463AR-1		M	BOILERS, WOOD WASTE, #1 & #2	CO 200.00LB/H, EA	
					PM 25.00LB/H, EA	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.6						
J.M. HUBER CORP.	ME	240.00T/D	N	WOOD BOILER	PM .12LB/MMBTU	B*
					SO2 100.00LB/H	B*
					1000.00LB/D	B*
					SO2 50.00T/YR	B*
SOURCE TYPE CODE -- 10.6						
LOUISIANA-PACIFIC CORP.	ME	240.00T/D	N	NO. 1 WOOD BOILER	PM .15LB/MMBTU	B*
				NO. 1 WOOD FIRED DRYER	PM 1.84LB/T WAFER BD	B*
				NO. 2 WOOD BOILER	PM .15LB/MMBTU	B*
				NO. 2 WOOD FIRED DRYER	PM 1.84LB/T WAFER BD	B*
PROCESS CODE -- 1.4						
SOURCE TYPE CODE -- 11.0						
PROCTOR & GAMBLE	NY	360.00MMBTU/H	N	BOILER	CO .22LB/MMBTU	
					PM .10LB/MMBTU	B*
					.05GR/DSCF	B*
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 2.1						
HOOKER ENERGY CORP.	NY NONE	2360.00T/D	N	RDF/COAL FIRED BOILERS	NOX .70LB/MMBTU COAL	
					.30LB/MMBTU OIL	
					PM .10LB/MMBTU COAL	
					.07LB/MMBTU OIL	
					PM .03GR/DSCF REFUSE	
					SO2 1.20LB/MMBTU COAL	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS & BASIS
					.80LB/MMBTU OIL
					VE 20.00% OPACITY COAL B*
					20.00% OPACITY OIL B*
					VE 20.00% OPACITY REFU* B*
PROCESS CODE -- 1.5					
SOURCE TYPE CODE -- 6.24					
GULF OIL CHEMICALS	TX (R)PSD-TX-299	690.00MMLB/YR	N	BOILERS, 4 EA	NOX .30LB/MMBTU OIL B*
					.12LB/MMBTU GAS B*
					PM .02LB/MMBTU OIL B*
					.01LB/MMBTU GAS B*
					SO2 .75LB/MMBTU OIL B*
PROCESS CODE -- 1.5					
SOURCE TYPE CODE -- 6.62					
E.I. DUPONT DE NEMOURS	TX (R)PSD-TX-335		M	BOILER	NOX .30LB/MMBTU OIL
					.60LB/MMBTU COAL
					PM .05LB/MMBTU OIL
					.08LB/MMBTU COAL
					SO2 .79LB/MMBTU OIL
					1.69LB/MMBTU COAL
SOURCE TYPE CODE -- 6.62					
FERRO CHEMICAL DIV OF FE* OH 13-956			N	BOILER	PM .17LB/H
					.05LB/MMBTU

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PROCESS CODE 1.5

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.62							
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	BOILER, GAS/OIL	CO	.04LB/MMBTU	B*
					NOX	.30LB/MMBTU	N*
					PM	.02LB/MMBTU	B*
					SO2	.32LB/MMBTU	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 7.11							
SNACK FOODS PLANT	CA SEE NOTE		N	BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	NOX	100.00PPM AT .3% O2 .94LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	PM	1.00LB/H	
				BOILER	PM	.15LB/H	
				BOILER	SO2	18.20LB/H	
				BOILER	SO2	18.20LB/H	
				BOILER	SO2	2.50LB/H	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 7.12							
HTC INDUSTRIES	TX 8710		N	GAS/OIL FIRED BOILERS, 2	CO	3.30LB/H	
					NOX	.30LB/H	
					PM	.75LB/H	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	5.40LB/H	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 9.3							
JOHN MANSVILLE SALES CORP	TX PSD-TX-263			BOILER, 2	PM	.06LB/H	
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 10.1							
CONTAINER CORP. OF AM	FL FL-062		M	BOILER, COAL/WOOD WASTE	PM	472.00T/YR	N*
					SO2	5363.00T/YR	N*
SOURCE TYPE CODE -- 10.1							
CONTAINER CORP. OF AM	AL PSD-AL-061		M	BOILER, COAL/WOOD FIRED	NOX	350.00LB/H 100% COAL	N*
						426.00LB/H 100% WOOD	N*
					PM	51.15LB/H 100% COAL	N*
						60.80LB/H 100% WOOD	N*
					SO2	613.25LB/H	N*
						60.80LB/H 100% WOOD	N*
SOURCE TYPE CODE -- 10.1							
FEDERAL PAPER BOARD CO.,*	NC 3441R9	2300.00T/D ADP	M	BOILER, POWER, #5, BARK/COAL*	NOX	.40LB/MMBTU COAL	
						.36LB/MMBTU OIL	
					PM	.16LB/MMBTU COAL	
						.05LB/MMBTU OIL	
					SO2	.80LB/MMBTU COAL	
						.80LB/MMBTU OIL	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 10.1						
FEDERAL PAPERBOARD CO.	NC NC-081	1095.00MMBTU/H	N	BOILER	PM .04GR/CF	B*
					SO2 979.00T/H	B*
SOURCE TYPE CODE -- 10.1						
GILMAN PAPER CO.	GA GA-071	691.00MMBTU/H	M	BOILER, COAL/WOODWASTE	PM .10LB/MMBTU	B*
					SO2 1.20LB/MMBTU	
SOURCE TYPE CODE -- 10.1						
INTERNATIONAL PAPER CO.	LA (R)PSD-LA-295		M	BOILER	CO .15LB/MMBTU	B*
					NOX .69LB/MMBTU COAL	B*
					.20LB/MMBTU GAS	B*
					NOX .30LB/MMBTU OIL	B*
SOURCE TYPE CODE -- 10.1						
INTERSTATE PAPER CORP.	GA 2631-089-8091	346.00MMBTU/H	M	BOILER	NOX .30LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 .30LB/MMBTU	
SOURCE TYPE CODE -- 10.1						
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	BOILER, BARK & COAL FIRED	NOX .70LB/MMBTU	B*
					PM .10LB/MMBTU	B*
					SO2 .63LB/MMBTU	B*
SOURCE TYPE CODE -- 10.1						
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	WOODWASTE/COAL COMBUSTION (5*	NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1014.00LB/H	N*
SOURCE TYPE CODE -- 10.1						
ST REGIS PAPER CO.	FL FL 066		M	BARK-COAL BOILER, UNIT #3	SO2 1.20LB/MMBTU	N*
					327.00LB/H	N*
				BARK-COAL BOILER, UNIT #4	SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1						

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
THE CHESAPEAKE CORP.	VA 80VA03	659.00MMBTU/H	M	BOILER,WOODWASTE	CO	.23LB/MMBTU	N*
					NOX	.30LB/MMBTU	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	N*
					VOC	.23LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
UNION CAMP CORP.	GA (R)PSD-GA-062	1055.00MMBTU/H	M	BOILER, COAL/WOOD WASTE	NOX	.70LB/MMBTU	N*
					PM	.08LB/MMBTU	B*
					SO2	1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1							
UNION CAMP CORP.	SC (R)P/C-40-128	2250.00T/D	N	BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	CO	.11LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	NOX	.70LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	PM	.10LB/MMBTU	
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU	
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU	
				BOILERS, COAL/WOODWASTE	SO2	1.20LB/MMBTU	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
				BOILERS, COAL/WOODWASTE	VE	20.00% OPACITY	
SOURCE TYPE CODE -- 10.1							
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	M	GENERATOR, FOSSIL FUEL STEAM			
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.20LB/MMBTU	

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.5

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 10.2							
APPLETON PAPERS, INC.	WI MAA-10-SJK-83-*	337.20MMBTU/H	M	BOILER STACK	CO	.10LB/MMBTU	
					NOX	.70LB/MMBTU	
					PM	.10LB/MMBTU	
					SO2	1.12LB/MMBTU	
					VE	20.00% OPACITY	
					VOC	9.95LB/H	
						42.00T/YR	
SOURCE TYPE CODE -- 10.2							
BEAR ISLAND PAPER CO.	VA 50840		M	BOILER, WOOD/COAL FUEL	NOX	1210.00T/YR WOOD FUEL	N*
						1210.00T/YR COAL FUEL	N*
					PM	205.00T/YR WOOD FUEL	N*
						174.00T/YR COAL FUEL	N*
					SO2	1638.00T/YR WOOD FUEL	N*
						2092.00T/YR COAL FUEL	N*
SOURCE TYPE CODE -- 10.2							
FLAMBEAU PAPER CORP.	WI MAA-10-CWB-81-*	150000.00LB/H	M	80/20 WOOD/COAL BOILER	NOX	.70LB/MMBTU	B*
					PM	.08LB/MMBTU WOOD/*	B*
						.10LB/MMBTU COAL	B*
					SO2	1.20LB/MMBTU	L*
SOURCE TYPE CODE -- 10.2							
FORT HOWARD PAPER CO.	OK (R)PSD-OK-404		M	BOILER	CO	.06LB/MMBTU COAL	B*
						.03LB/MMBTU OIL	B*
					CO	.02LB/MMBTU GAS	B*
					NOX	.70LB/MMBTU COAL	B*
						.30LB/MMBTU OIL	B*
					NOX	.20LB/MMBTU GAS	B*
					PM	.10LB/MMBTU COAL	B*
						.07LB/MMBTU OIL	B*
					PM	.01LB/MMBTU GAS	B*
					SO2	1.20LB/MMBTU COAL	B*
						.73LB/MMBTU OIL	B*
					SO2	.00LB/MMBTU GAS	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					VOC .02LB/MMBTU GAS	
					.01LB/MMBTU OIL	
					VOC .00LB/MMBTU GAS	
SOURCE TYPE CODE -- 10.2						
MACMILLAN BLOEDAL	AL AL-063		M	POWER BOILER	CO 114.00LB/H	N*
					NOX .70LB/MMBTU	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.2						
PROCTOR & GAMBLE PAPER P*	WI MAN-14-YPD-83-*		M	LOAD BARK SILO	PM .06LB/H UNCONTROL*	
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 10.6						
BURLINGTON IND.	NC NC-036		N	BOILER	PM .60LB/H	B*
SOURCE TYPE CODE -- 10.6						
STONE CONTAINER CORP.	OH EPA-5-A-81-3		N	BOILER, WOOD/GAS	CO .20LB/MMBTU	
					NOX .38LB/MMBTU	
					PM .06LB/MMBTU	
					SO2 .02LB/MMBTU	
					VOC .02LB/MMBTU	
PROCESS CODE -- 1.5						
SOURCE TYPE CODE -- 11.0						

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
PHILIP MORRIS	VA 80VA06	237.00MMBTU/H	M	BOILER, COAL/OIL FIRED	NOX	.70LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SO2	2.10LB/MMBTU COAL	B*
						2.51LB/MMBTU OIL	B*
					VE	20.00% OPACITY	B*
PROCESS CODE -- 1.5							
SOURCE TYPE CODE -- 12.0							
UNIV. OF MICH., CEN HEAT*	MI 531-78		N	BOILERS, GAS/OIL-FIRED	NOX	.30LB/MMBTU OIL	
					NOX	.20LB/MMBTU GAS	
					SO2	.52LB/MMBTU	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 2.1							
ENERGY ANSWERS CORP.	MA 025-120MA14	1800.00T/D RDF	N	BOILER,WATER-COOLED, 3 EA.	NOX	.50LB/MMBTU	B*
					PM	.05GR/DSCF 12% CO2	B*
					SO2	.34LB/MMBTU	B*
						.30% S BY WT, OIL	B*
SOURCE TYPE CODE -- 2.1							
NESWC RESOURCE RECOVERY *	MA 029-121MA16	62.50T/H WASTE	N	AUXILIARY BOILER, 1	CO	.04LB/MMBTU	B*
					NOX	.16LB/MMBTU	B*
					PM	.10LB/MMBTU	B*
					SOX	.02LB/MMBTU	B*
					SO2	.34LB/MMBTU	B*

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PROCESS CODE 1.6 REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 2.1							
RESOURCES AUTHORITY	TN	75.00T/D 2 EA	N	BOILERS, 2 MUNICIPAL REFUSE *	PM	.04GR/SCF	N*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 3.2							
CO INTERSTATE GAS, TOTEM*	CO	34.00MHP	N	GENERATOR			
					NOX	8.90LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.5							
CHAMPLIN PETROLEUM CO.	TX TX-337		M	BOILERS, 3 (FUEL GAS ONLY)	NOX	5.60LB/H	B*
						.12LB/MMBTU	B*
					SO2	1.20LB/H	N*
						.03LB/MMBTU	N*
SOURCE TYPE CODE -- 5.5							
CITIES SERVICE CO.	LA		M	POWER HOUSE BOILER, B-A3,3C	NOX	60.50LB/H	B*
						.35LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
				POWER HOUSE BOILER, B-3, B-3B	NOX	60.50LB/H	B*
						.01LB/MMBTU	B*
					VOC	.90LB/H	B*
						.01LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5							

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
COASTAL STATES PETROLEUM	TX TX-243	225.00MBPSD	M	BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	CO	1.60LB/H	B*
						.02LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
				BOILER, UTILITY	NOX	10.60LB/H	B*
						.12LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5							
CYPRESS REFINING CO., HI*	LA PSD-LA-504	30000.00BBL/D	M	BOILER, #1-82	NOX	15.32LB/H	B*
					VE	20.00% OPACITY	B*
				BOILER, #2-82	NOX	17.51LB/H	B*
					VE	20.00% OPACITY	B*
SOURCE TYPE CODE -- 5.5							
DIAMOND SHAMROCK CORP.	TX TX-346	60000.00BBL/D	M	PROCESS BOILER, 2	CO	6.81LB/H	B*
					NOX	130.00LB/H	B*
					PM	10.06LB/H	B*
					SO2	103.87LB/H	B*
SOURCE TYPE CODE -- 5.5							
FRIENDSWOOD REFIN.	TX (R)PSD-TX-387	30000.00BPSD	M	BOILER	CO	.01LB/MMBTU	B*
					NOX	.10LB/MMBTU	B*
					PM	.00LB/MMBTU	B*
					SO2	.02LB/MMBTU	N*
				CO BOILER COMPLEX	CO	175.50LB/H	N*
					NOX	103.50LB/H	B*
					SO2	48.00LB/H	N*
SOURCE TYPE CODE -- 5.5							
GETTY OIL CO.	CA SJ-81-11	350.00MMBTU/H	M	STEAM GENERATOR, 7	NOX	.15LB/MMBTU PER G*	
SOURCE TYPE CODE -- 5.5							
INDEPENDENT REFIN.	TX (R)PSD-TX-388	50.00MBPSD	M	REBOILER	NOX	.11LB/MMBTU	N*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.5							
LONGVEIW REFIN.	TX PSD-TX-364	30000.00BPSD	M	BOILERS, 2	CO	.02LB/MMBTU	B*
					NOX	.12LB/MMBTU	B*
					PM	.01LB/MMBTU	B*
					SO2	.03LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5							
NEDERLAND PROCESSING CO.	TX TX-262	35.00MBPSD	N	BOILER	CO	6.20LB/H OIL	B*
						.04LB/MMBTU OIL	B*
					CO	2.60LB/H GAS	B*
						.02LB/MMBTU GAS	B*
					NOX	51.00LB/H OIL	B*
						.30LB/MMBTU OIL	B*
					NOX	20.40LB/H GAS	B*
						.12LB/MMBTU GAS	B*
					PM	8.90LB/H OIL	B*
						.05LB/MMBTU OIL	B*
					PM	2.30LB/H GAS	B*
						.01LB/MMBTU GAS	B*
					SO2	79.30LB/H OIL	B*
						.47LB/MMBTU OIL	B*
					SO2	4.20LB/H GAS	B*
						.03LB/MMBTU GAS	B*
					VOC	1.20LB/H OIL	B*
						.01LB/MMBTU OIL	B*
					VOC	.50LB/H GAS	B*
						.01LB/MMBTU GAS	B*
SOURCE TYPE CODE -- 5.5							
PETRACO VALLEY OIL & REF*	TX TX-236		N	BOILER	CO	2.30LB/H	B*
						.01LB/MMBTU	B*
					NOX	31.70LB/H	B*
						.12LB/MMBTU	B*
					PM	1.90LB/H	B*
						.01LB/MMBTU	B*
					SO2	3.40LB/H	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					.01LB/MMBTU	N*
					VOC .40LB/H	B*
					.00LB/MMBTU	B*
SOURCE TYPE CODE -- 5.5						
PHILLIPS PETROLEUM CO.	TX PSD-TX-102M-1	130000.00BPSD	M	CO BOILERS, 2	CO .02LB/MMBTU	
					NOX 1.90LB/MMBTU	
					PM .31LB/MMBTU	
					SO2 .10LB/MMBTU	
					VOC .00LB/MMBTU	
SOURCE TYPE CODE -- 5.5						
PROCESS REFIN. CO.	CA SJ-78-27	10000.00BBL/D	M	BOILER, 2 EA	NOX .27LB/MMBTU	
SOURCE TYPE CODE -- 5.5						
PROVIDENT ENERGY CO.	AZ (R)AZP79-02	50.00MBPSD	N	BOILER & HEATER	NOX .43LB/MMBTU 2H AV	
SOURCE TYPE CODE -- 5.5						
SABER REFIN.	TX (R)PSD-TX-324	100.00MBPSD	M	REBOILERS, 2	CO .02LB/MMBTU	B*
					NOX .12LB/MMBTU	B*
					PM .01LB/MMBTU	B*
					SO2 .01LB/MMBTU	N*
SOURCE TYPE CODE -- 5.5						
SIGMORE REFIN. CO.	TX (R)PSD-TX-331	67.00MBPSD	M	BOILER	CO 9.68LB/H	B*
					NOX 113.04LB/H	B*
					PM 11.36LB/H	B*
					SO2 132.72LB/H	B*
SOURCE TYPE CODE -- 5.5						
TENNECO	LA PSD-LA-199		M	BOILERS, 13	CO .02LB/MMBTU GAS	B*
					.03LB/MMBTU OIL	B*
				CO BOILER	CO .02LB/MMBTU GAS	B*
					.03LB/MMBTU OIL	B*
SOURCE TYPE CODE -- 5.5						

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
UNI OIL	TX (R)PSD-TX-229	10000.00BBL/D	M	BOILER, PACKAGE	CO	.71LB/H	B*
						.01LB/MMBTU	B*
					NOX	7.94LB/H	B*
						.08LB/MMBTU	B*
					PM	1.59LB/H	B*
						.02LB/MMBTU	B*
					SO2	.79LB/H	N*
						.01LB/MMBTU	N*
					VOC	.06LB/H	B*
						.00LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.6							
GARY WESTERN REFIN.	CO	21.00MBBL/D	M	BOILER #4	NOX	8.41LB/H	B*
SOURCE TYPE CODE -- 5.6							
MITCHELL ENERGY	TX (R)PSD-TX-139	10.00MBPSD	N	BOILER	VOC	.00LB/MMBTU	B*
SOURCE TYPE CODE -- 5.6							
VIRGIN ISLANDS REFINERY *	VI NONE	200.00MBPSD	N	BOILERS, FOSSIL FIRED, 3	CO	14.00T/YR	B*
					NOX	.20LB/MMBTU GAS	B*
						.30LB/MMBTU OIL	B*
					PM	.35LB/MMBTU	B*
					SO2	20.00PPM H2S GAS	B*
						.33% S BY WT, OIL	B*
					VOC	3.00T/YR	B*

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 5.12							
PHILADELPHIA GAS WORKS	PA 78PA03		M	BOILER	NOX	74.00LB/H	B*
					PM	5.40LB/H	B*
					SO2	75.00LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.13							
KERNRIDGE OIL CO.	CA (R)SJ-79-26		M	STEAM GEN., 11 EA	NOX	.20LB/MMBTU	B*
					PM	.06LB/MMBTU	L*
					PM	.01LB/MMBTU	L*
					SO2	.07LB/MMBTU 1.20% S FUEL OIL	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 5.14							
GEOKINETICS INC., OIL SH*	UT	426.00BBL/D		GENERATOR	NOX	38.90LB/H	B*
					VE	20.00% OPACITY	
SOURCE TYPE CODE -- 5.14							
MOBIL OIL EXPLORATION	AL AL-078	225.00MMSCFD	N	SUPPLEMENTAL BOILER	NOX	.20LB/MMBTU	
					SO2	1.00LB/H	
SOURCE TYPE CODE -- 5.14							
OXY-LOGAN WASH MODIF.1980	CO	1.00MBBL/D	M	BOILER, ETC	CO	2.00LB/H	B*
					NOX	52.00LB/H	B*
					PM	7.00LB/H	B*

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PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
					SO2	31.00LB/H	
					VOC	3.00LB/H	B*
SOURCE TYPE CODE -- 5.14							
PARAHO DEVELOPMENT CORP.	UT		N	POWER GENERATION FACILITY	CO	.02LB/MMBTU	
					NOX	.25LB/MMBTU	N*
					NOX	.20LB/MMBTU	N*
					PM	.02LB/MMBTU	
					SO2	.14LB/MMBTU	
					VOC	.00LB/MMBTU	
SOURCE TYPE CODE -- 5.14							
TEXAS TAR SANDS, LTD	TX 9075	50.00MMBTU/H	N	STEAM GENERATOR	PM	.09LB/MMBTU	
					SO2	1.20LB/MMBTU	
SOURCE TYPE CODE -- 5.14							
TOSCO OIL SHALE-1981	UT	45.00MBBL/D	N	2 AUX BOILERS	CO	2.90LB/H	B*
					NOX	18.00LB/H	B*
					PM	3.20LB/H	B*
					SO2	8.00LB/H	B*
SOURCE TYPE CODE -- 5.14							
UNION OIL SHALE #1	CO	10.00MBBL/D		STEAM BOILER	NOX	12.00LB/H	B*
SOURCE TYPE CODE -- 5.14							
WHITE RIVER SHALE OIL CO*	UT MAJ 053082-IT	106000.00BPSD	N	BOILER & POWER PLANTS (3 STK)	NOX	.20LB/MMBTU	
						487.50LB/H	
					PM	.03LB/MMBTU	
						73.20LB/H	
					SO2	.07LB/MMBTU	
						166.90LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 6.12							
ASHLAND CHEMICAL CO.	LA LA-339	320.00MMLB/YR	M	CO BOILER	CO	94.00LB/H	B*
					NOX	26.40LB/H	B*
					PM	6.90LB/H	B*
					SO2	977.30LB/H	B*
					VOC	19.30LB/H	B*
SOURCE TYPE CODE -- 6.12							
ASHLAND CHEMICAL CO.	TX TX-338		M	CO BOILER	CO	62.00LB/H	B*
					NOX	28.00LB/H	B*
					PM	10.00LB/H	B*
					SO2	565.00LB/H	B*
					VOC	3.00LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.14							
DIAMOND SHAMROCK CORP.	TX TX-276		M	STEAM GEN., HEAT RECOVERY, 3	CO	4.08LB/H EA	B*
						.02LB/MMBTU	B*
					NOX	55.20LB/H EA	B*
						.22LB/MMBTU	B*
					PM	3.60LB/H EA	B*
						.02LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.24							
TEXAS EASTMAN CO.	TX TX-332		M	BOILERS, 2	CO	4.60LB/H TAR	B*

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PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
						3.20LB/H NAT GAS	B*
					NOX	42.00LB/H TAR	B*
						22.80LB/H NAT GAS	B*
					PM	14.00LB/H TAR	B*
						1.00LB/H NAT GAS	B*
					SO2	12.00LB/H TAR	B*
						1.00LB/H NAT GAS	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.27							
AMERICAN HOECHST	TX 5252	900.00MMLB/YR	N	BOILERS, 4 & HEATERS, 6	NOX	569.00T/YR	A*
						.18LB/MBTU	A*
					PM	15.00T/YR	
					SO2	1.10T/YR	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.53							
PACIFIC GAS & ELECTRIC C* CA NSR 4-4-1 NC 8*			N	POWER PLANT	H2S	7.50LB/H	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.59							

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WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
FORMOSA PLASTICS	TX (R)PSD-TX-226	957.00MT/YR	M	BOILERS, 5 EA	NOX	.11LB/MMBTU	B*
					VOC	.00LB/MMBTU	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.61							
PEAT METHANOL ASSOCIATES	NC 4930		N	PEAT BOILER	PM	9.70LB/H	
						.03LB/MMBTU	
					SO2	153.00LB/H	
						.51LB/MMBTU	
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 6.62							
HCC CHEMICAL CO.	LA (R)PSD-LA-108		N	BOILER, WASTE GAS	NOX	.20LB/MMBTU	
					PM	.01LB/MMBTU	
SOURCE TYPE CODE -- 6.62							
SMITH KLINE CORP.	PA 79PA15	600.00MET. T/YR	N	2 BOILERS, EA	SO2	.20% BY WT #2 OIL	B*
						1.68MMGAL/YR OIL	B*
SOURCE TYPE CODE -- 6.62							
UNION CARBIDE	GA GA 069		M	BOILER	SO2	418.00T/YR	

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
SOURCE TYPE CODE -- 7.4							
ANHEUSER-BUSCH, INC.	CA (R)LA-78-18		M	STEAM BOILERS, 2 EA	NOX	.27LB/MMBTU	L*
						.47LB/MMBTU	L*
					SO2	.21% S FUEL OIL	B*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 7.8							
ATLANTIC SUGAR ASSOC.	FL PSD-FL-078	195.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
				BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
					VOC	2.00LB/T BAGASSE F*	S*
SOURCE TYPE CODE -- 7.8							
OSCEOLA FARMS CO.	FL FL-0012	288.00MMBTU/H	N	BOILER, BAGASSE	PM	.15LB/MMBTU INPUT	B*
SOURCE TYPE CODE -- 7.8							
SUGAR CANE GROWERS COOP.	FL (R)PSD-FL-077	240000.00LB/H	N	BOILER, BAGASSE/RESIDUE, #6 *	CO	140.00LB/H	B*
						326.00T/YR	B*
					NOX	123.00LB/H	B*
						209.00T/YR	B*
					PM	.15LB/MMBTU	B*
						75.60LB/H	B*
					SO2	14.00T/D	B*
					VOC	140.00LB/H	B*
						325.00T/YR	B*

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COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 7.12						
CAMPBELL SOUP CO.	OH 0335010105		N	3 FLUIDIZED BED BOILERS		
					PM .10LB/MMBTU	
					SO2 1.60LB/MMBTU	
SOURCE TYPE CODE -- 7.12						
CENTRAL SOYA	OH 03-779	51.20MMBTU/H	N	FLUIDIZED BED BOILER	PM .02LB/MMBTU	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 8.22						
LEVIN FIXTURE CORP.	TX X-4027		N	BOILER	CO .14LB/H	
					NOX 1.84LB/H	
					PM .12LB/H	
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 9.14						
TEXACO, INC.	CA NCC-78-04		M	STEAM GEN., 3 EA	SO2 .58LB/MMBTU	B*
					2.00% S FUEL OIL	B*
PROCESS CODE -- 1.6						
SOURCE TYPE CODE -- 10.1						

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ALABAMA RIVER PULP CO., *	AL 1-06-0010-X001*	1000.00ADTP/D	N	POWER BOILER	NOX .70LB/MMBTU	
					PM .23GR/DSCF AT 50%*	
					SO2 2033.00T/YR	
				RECOVERY BOILER		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
SOURCE TYPE CODE -- 10.1						
BOWATER CAROLINA CO.	SC (R)P/C-46-210*	900.00T/D ADP	N	RECOVERY FURNACE	PM .04GR/DSCF	
					SO2 300.00PPM	
					TRS 5.00PPM	
SOURCE TYPE CODE -- 10.1						
CHAMPION INTERNAT. CORP.	MI 33-80		N	REC. BOILER,BLACK LIQUOR FUEL	PM .04GR/DSCF	N*
					TRS 5.00PPM BY VOL	
SOURCE TYPE CODE -- 10.1						
FEDERAL PAPERBOARD CO.	NC 4924	2300.00T/D ADP	N	POWER BOILER NO.6	CO .05LB/MMBTU COAL	A*
					NOX .70LB/MMBTU COAL	N*
					.30LB/MMBTU OIL	N*
					NOX .20LB/MMBTU GAS	N*
					PM .10LB/MMBTU	N*
					SO2 1.20LB/MMBTU COAL	N*
					.80LB/MMBTU OIL	N*
SOURCE TYPE CODE -- 10.1						
HAMMERMILL PAPER	AL PSD-AL-062	750.00T/D	M	RECOVERY BOILER #1	PM 4.00LB/ADTP	
					SO2 272.00LB/H	
					TRS 20.00PPM	
				RECOVERY BOILER #2	CO 456.60LB/H	B*
					NOX 114.20LB/H	B*
					PM 66.20LB/H	N*
					SO2 1901.00T/YR	B*
					TRS 5.00PPM AT 8% O2	N*
SOURCE TYPE CODE -- 10.1						

* INDICATES DATUM IS TRUNCATED FOR THIS TABLE. SEE COMPLETE LISTING IN APPENDIX.
(R) INDICATES EPA REGION FILE NUMBER IN LIEU OF STATE/LOCAL PERMIT NUMBER.
FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
INDEPENDENT KRAFT CORP.	AL 413-0025-X001 *	800.00ADTP/D	N	GENERATOR, FOSSIL FUEL STEAM	CO 117.00LB/H	
					NOX .70LB/MMBTU	
					PM .10LB/MMBTU	
					SO2 1.20LB/MMBTU	
				RECOVERY BOILER	CO 63.60LB/H	
					NOX 31.80LB/H	
					PM .04GR/DSCF AT 8% *	
					SO2 391.00LB/H	
					TRS .50PPM AT 8% O2	
SOURCE TYPE CODE -- 10.1						
INTERNATIONAL PAPER CO.	AR 78-AR-1	683.40MMBTU/H	N	STEAM BOILER	CO 70.00LB/H	
					NOX 480.00LB/H	
					PM .10LB/MMBTU	
					SO2 820.00LB/H	
SOURCE TYPE CODE -- 10.1						
KIRBY FOREST INDUSTRIES	TX TX-231	1000.00T/D	N	RECOVERY BOILER	CO 82.60LB/H	B*
					.09LB/MMBTU	B*
					NOX 67.80LB/H	B*
					.07LB/MMBTU	B*
					PM 83.40LB/H	N*
					.09LB/MMBTU	N*
					SO2 434.00LB/H	B*
					.46LB/MMBTU	B*
					TRS 6.10LB/H	N*
					.01LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1						
LEAP RIVER FOREST	MS MS 035	650.00T/D	N	RECOVERY BOILER	PM .04GR/DSCF	B*
					SO2 458.00LB/H	B*
					300.00PPM	B*
					TRS 5.00PPM AT 8% FUEL	B*
SOURCE TYPE CODE -- 10.1						
POTLATCH	ID	90.00T/H BLS	N	RECOVERY BOILER	CO 1223.00LB/H	

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
					NOX 321.00LB/H SEE NOTE 3	
					PM 58.00LB/H SEE NOTE 2	
					.03GR/DSCF	
					SO2 450.00LB/H SEE NOTE 6	
					200.00PPM	
SOURCE TYPE CODE -- 10.1						
SCOTT PAPER	AL AL 068	45.80T/H ADP	M	RECOVERY BOILER	CO 770.00LB/H	B*
					NOX 242.00LB/H	B*
					402.00T/YR	B*
					PM .04GR/DSCF	N*
					SO2 344.00LB/H	B*
					1003.00T/YR	B*
					TRS 5.00PPM	N*
SOURCE TYPE CODE -- 10.1						
SIMPSON LEE PAPER CO.	CA 74-PO-23	220.00T/D	N	RECOVERY BOILER		
					PM .15GR/DSCF	
SOURCE TYPE CODE -- 10.1						
ST. REGIS PAPER CO.	ME AEL-13-47	814.00MMBTU/H	M	BOILER, BIOMASS FUEL		
					PM .08LB/MMBTU	B*
					SO2 1.20LB/MMBTU	N*
SOURCE TYPE CODE -- 10.1						
UNION CAMP CORP.	AL 201-0001-X008,*	2300.00ADTP/D	M	NO. 2 RECOVERY BOILER		
					PM .04GR/DSCF AT 8% *	
					TRS 5.00PPM AT 8% O2	
SOURCE TYPE CODE -- 10.1						
WESTVACO CORP.	SC SC-037	1500.00T/D ADP	N	810 RECOVERY BOILER	NOX .25LB/MMBTU	B*
					PM .03GR/DSCF	B*
					SO2 250.00PPM	B*
					TRS .02LB/T BLS	N*
SOURCE TYPE CODE -- 10.1						

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FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS		& BASIS
WEYERHAEUSER CO.	MS PSD-MS-027	186000.00T/YR	N	POWER BOILER, COMBUSTION FUEL	NOX	.70LB/MMBTU COAL	N*
						.30LB/MMBTU OIL	N*
					PM	.10LB/MMBTU	N*
					SO2	1.20LB/MMBTU COAL	N*
						.80LB/MMBTU OIL	N*
				RECOVERY BOILER, KRAFT MILL	NOX	70.00PPM	B*
					PM	.04GR/DSCF	N*
					SO2	100.00PPM	B*
					TRS	5.00PPM	N*
PROCESS CODE -- 1.6							
SOURCE TYPE CODE -- 10.2							
AUGUSTA NEWSPRINT CO.	GA 2621-121-8497	400.00MMBTU/H	N	BOILER	NOX	.30LB/MMBTU BARK/*	N*
						.20LB/MMBTU BARK/*	N*
					PM	.10LB/MMBTU	N*
					SO2	.80LB/MMBTU	
						298.00LB/H	
SOURCE TYPE CODE -- 10.2							
MACMILLAN BLOEDAL	AL AL-063		M	RECOVERY BOILER	CO	12325.00T/YR	N*
					NOX	902.00T/YR	N*
					PM	.04GR/DSCF AT 8% *	N*
					SO2	2339.00T/YR	N*
					TRS	5.00PPM AT 8% O2	N*

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TABLE 2A. CONTROL TECHNOLOGY DETERMINATIONS FOR SOURCES
WITH INDUSTRIAL OR UTILITY BOILERS (EXTERNAL COMBUSTION SOURCES)

PROCESS CODE 1.6

REPORT DATE 05/23/1984

COMPANY NAME	STATE & PERMIT	SOURCE SIZE	NEW/ MOD	PROCESS DESCRIPTION	EMISSION LIMITATIONS	& BASIS
SOURCE TYPE CODE -- 12.0						
LORING AIR FORCE BASE	ME 21-25	169.00MMBTU/H	N	BOILER #7		
					NOX .70LB/MMBTU	
					PM .07LB/MMBTU	
					SO2 1.80LB/MMBTU	
				BOILER #8	NOX .70LB/MMBTU	
					PM .07LB/MMBTU	
					SO2 1.80LB/MMBTU	

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FOR EMISSION LIMITS ROUNDED TO 0.00 SEE APPENDIX.

APPENDIX D

DETAILED LISTING OF SOURCE TYPE CODES

	SOURCE TYPE	CODE
1.	External Combustion	1.0
	Coal combustion	1.1
	Oil combustion	1.2
	Natural gas combustion	1.3
	Wood waste combustion	1.4
	Multiple fuels	1.5
	Other	1.6
2.	Solid Waste Disposal	2.0
	Refuse incineration	2.1
	Sewage sludge incineration	2.2
	Other	2.3
3.	Internal Combustion	3.0
	Natural gas turbines	3.1
	Natural gas compressors	3.2
	Other	3.3
4.	Organic Evaporation Loss	4.0
	Surface coating of cans and coils	4.1
	Surface coating of paper and fabrics	4.2
	Surface coating of automobiles and light duty trucks	4.3
	Surface coating of metal furniture	4.4
	Surface coating of magnet wire	4.5
	Surface coating of large appliances	4.6
	Surface coating of miscellaneous metal parts and products	4.7
	Surface coating of flatwood paneling	4.8
	Solvent degreasing	4.9
	Waste solvent reclamation	4.11
	Graphic arts	4.12
	Dry cleaning	4.13
	Other	4.14
5.	Petroleum Refining, Oil and Gas Production and Related Industries	5.0
	Petroleum refining - separation processes (distillation & light ends recovery)	5.1
	Petroleum refining - conversion processes (cracking, reforming, alkylation, polymerization, isomerization, and coking)	5.2
	Petroleum refining - treating processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, and deasphalting)	5.3

SOURCE TYPE	CODE
Petroleum refining - feedstock (storage, blending, loading, and unloading)	5.4
Petroleum refining - auxiliary (boilers, wastewater treatment, hydrogen production, sulfur recovery, cooling towers, blow-down system, compressor engines, heaters, and incinerators)	5.5
Petroleum refining -entire operation	5.6
Bulk terminals	5.7
Bulk plants	5.8
Storage of petroleum liquids	5.9
Transportation and marketing of petroleum products	5.11
Natural gas/gasoline processing plants	5.12
Asphalt and associated products manufacturing and processing	5.13
Crude petroleum and natural gas production including oil shale	5.14
Oil and gas field services	5.15
Other	5.16
6. Chemical Process Industry	6.0
Acrylonitrile	6.1
Acetic acid	6.2
Acrylic acid	6.3
Acetic anhydride	6.4
Acrolein	6.5
Acetaldehyde	6.6
Adipic acid	6.7
Aniline	6.8
Alkylbenzene	6.9
Butadiene	6.11
Carbon black	6.12
Charcoal	6.13
Chloroalkali	6.14
Chlorobenzene	6.15
Chloromethane	6.16
Chloroprene	6.17
Caprolactam	6.18
Cyclohexanol, cyclohexane	6.19
Cumene	6.21
Dimethyl terephthalate	6.22
Ethylene dichloride	6.23
Ethylene and polyethylene	6.24
Ethylene oxide	6.25
Ethylene glycols	6.26
Ethylbenzene/styrene	6.27
Ethyl acetate	6.28
Epichlorohydrin	6.29
Fluorocarbons	6.31
Formaldehyde	6.32
Glycol ethers	6.33
Hydrochloric acid	6.34
Hydrofluoric acid	6.35

SOURCE TYPE	CODE
Maleic anhydride	6.36
Methanol	6.37
Methyl ethyl ketone	6.38
Nitric acid	6.39
Nitrobenzene	6.41
Paint and varnish	6.42
Pharmaceutical	6.43
Phosphoric acid	6.44
Phthalic anhydride	6.45
Proylene oxide	6.46
Phenol/acetone	6.47
Soap and detergents	6.48
Sodium carbonate	6.49
Sulfuric acid	6.51
Sulfur recovery	6.52
Synfuels and fuel conversion other than oil shale	6.53
Synthetic fibers	6.54
Synthetic rubber/rubber tires	6.55
Toluene diisocyanate	6.56
Trichloroethane	6.57
Terpthalic acid	6.58
Vinyl chloride and polyvinyl chloride	6.59
Alcohol fuel production	6.61
Other	6.62
7. Food and Agricultural	7.0
Alfalfa dehydrating	7.1
Roasting	7.2
Feed and grain mills and elevators	7.3
Fermentation and alcoholic beverages	7.4
Fish processing	7.5
Fertilizer plants	7.6
Starch manufacturing	7.7
Sugar cane processing	7.8
Fats and vegetable oils	7.9
Fruit and vegetable processing	7.11
Other	7.12
8. Metallurgical	8.0
Primary aluminum production	8.1
Coke production	8.2
Primary copper smelting	8.3
Ferroalloy production	8.4
Iron and steel production	8.5
Primary lead smelting	8.6
Zinc smelting	8.7
Secondary aluminum	8.8
Secondary copper smelting and alloying	8.9
Gray iron foundaries	8.11

SOURCE TYPE	CODE
Secondary lead smelting	8.12
Secondary magnesium smelting	8.13
Steel foundaries	8.14
Secondary zinc processing	8.15
Storage battery production/reclamation	8.16
Lead oxide and pigment production	8.17
Miscellaneous lead products	8.18
Ore crushing and grinding	8.19
Sintering	8.21
Other	8.22
9. Mineral Products Industry	9.0
Asphalt batching plants	9.1
Bricks, ceramic, and related clay products	9.2
Refractories	9.3
Portland cement manufacturing	9.4
Cement manufacturing - other than Portland	9.5
Coal cleaning	9.6
Coal cleaning (thermal dryer)	9.7
Glass fiber manufacturing	9.8
Frit manufacturing	9.9
Glass manufacturing	9.11
Gypsum manufacturing	9.12
Lime manufacturing	9.13
Mineral wool manufacturing	9.14
Perlite manufacturing	9.15
Phosphate rock processing	9.16
Stone quarrying, sand and gravel processing	9.17
Taconite ore processing	9.18
Mining operations	9.19
Other	9.21
10. Wood Products	10.0
Kraft pulp mills	10.1
Wood pulping other than Kraft	10.2
Hardboard	10.3
Plywood plants	10.4
Woodworking	10.5
Other	10.6
11. General Manufacturing and Fabrication	11.0
12. Institutional/Commercial	12.0

APPENDIX E

ABBREVIATIONS FOR PROCESS AND EMISSION LIMITS

Abbreviations for Process and Emission Limits

ADD	additive
AL	aluminum
AM	American
ASSOC	association
ATMOS	atmospheric
CALC	catalytic
CO	company
COLL	collection
COOP	cooperative
CORP	corporation
DECARB	decarbonization
DESULF	desulfurization
DISTIL	distillation
DISTN	distribution
DIV	division
E	eastern
EA	each
ELECT	electric
FAC	facility
FCC	fluid catalytic cracking
FCCU	fluid catalytic cracking unit
FURN	furnace

GEN	generator
HAND	handling
I.C.	internal combustion
INCIN	incinerator
INDEPEN	independent
INTERNAT	international
LAB	laboratory
LDOUT	loadout
LIQ	liquid
LT	light
MATL	material
MFG	manufacturing
MISC	miscellaneous
MODIF	modification
NAT	natural
NATL	national
PREP	preparation
PROD	production
PWR	power
REC	recovery
RECIP	reciprocating

RECLAM	reclaimation
REFIG	refrigeration
REFIN	refinery
REG	regular
REGEN	regenerator
RESID	residual
ROT	rotary
SCRUB	scrubber
SECOND	secondary
SHIP	shipping
STOR	storage
SUP	supplementary
SYS	system
TRANS	transmission
UNIV	university
VAC	vacuum
VERT	vertical

ACF	actual cubic feet
ACFM	actual cubic feet per minute
ADP	air dried pulp
AV	average
BBL	barrels
BLS	black liquor solids
BPSD	barrels per stream day
BTU	British thermal units
CF	cubic feet
CFM	cubic feet per minute
CU YD	cubic yard
D	day
D FEED	dry feed
DACF	dry actual cubic feet
DIST	distillate
DSCF	dry standard cubic feet
F	feet
G	gram
G/HP-H	grams per horsepower - hour
G/O	gas/oil
GAL/M	gallons per minute
GR	grains
H	hour
HP	horsepower
J	joule

KG	kilogram
KW	kilowatt
LB	pound
LT	long ton
M	thousand (10^3)
MM	million (10^6)
MG/L	milligram per liter
MW	megawatt
N	natural
NG	nanogram
PPM	parts per million
PPH	parts per hundred
RDF	refuse derived fuel
RESID	residual
S	sulfur
SB	subbituminous
SCF	standard cubic feet
SCFD	standard cubic feet per day
SCFM	standard cubic feet per minute
SEC	second
SQF	square feet
T	ton
VOL	volume
WKS	weeks
YR	year

APPENDIX F

FORMAT FOR BACT/LAER CLEARINGHOUSE SUBMITTALS AND INSTRUCTIONS FOR COMPLETING BACT/LAER INPUT SUMMARY SHEET

December 16, 1983

INSTRUCTIONS FOR COMPLETING BACT/LAER CLEARINGHOUSE INPUT SUMMARY SHEET

1. Source Type/Size: Where possible, use one of the categories listed in Appendix D (Detailed Listing of Source Type Codes) of the April 1983 BACT/LAER Clearinghouse Compilation (attached) to define the source type. If the source you have is not contained in the list of source type codes, list it by its name. Size should indicate the total capacity of the new or modified plant, not just the size of the unit or units covered by the plant, i.e., an 1800 mw power plant is made up of three 600 mw units. The size should be 1800 mw not 600 mw. Whenever possible, use the standardized list of abbreviations (Appendix E -- Abbreviations for Process and Emission Limits) for units of measure (copy attached).

2. Source Code: Enter a source code listed in Appendix D.

3. Company Name/Site Location: Insert name and address of the proposed facility. The address should be the location of the proposed facility not the address of the parent company unless they are the same. City and/or county locations are usually enough, unless there is more than one plant for the company in the same city or county.

4. Determination: Circle "BACT" or "LAER" depending on the type of determination. In some cases both should be circled depending on the status of the pollutants in question. Circle "New" or "Modified," depending on the nature of the permit. If the permit covers a new unit at a new or existing source, it should be marked as "New." If the addition of a new unit to an existing source triggers a new permit for the entire source, then it should be circled "Modified." If the permit is only for a single unit, but the unit was modified, then it should be circled "Modified."

5. Permit Number: This should be the identification number assigned by the agency that issued the permit.

6. Date of Permit Issuance: Specify day, month, and year.

7. Date of Estimated Start-up: Specify day, month, and year. This item should be your best estimate as to when the permitted unit will reach full-scale commercial operation. Other control agencies could use this date to decide if follow-up calls should be made for new information. Reducing the number of follow-up calls to your Agency should reduce your work-load.

Using our automated system and this date, we can supply you with a list of your sources that may give you some follow-up information.

8. Determination Made By: Designate the agency and the person to whom telephone requests should be directed. This should be the person most capable of responding to factual questions about the permit decision. Please include the area code with the phone number.

9. Permit Parameters: List all processes subject to this permit by name (e.g., kiln, boiler) for which a throughput limit, operating limit, emission limit, control strategy, performance or equipment standard has been specified.

Process name or process equipment should be listed with the generic name first; followed by any specifics regarding the process; followed by the number of units or pieces of equipment being permitted if more than one. For example:

Boiler, coal-fired, 3 each
Kiln, 3 each
Conveyors, coal/limestone
Furnace, arc
Boiler, recovery
Boiler, power
Engines, gas-fired

10. Throughput Capacity: Indicate the maximum design capacity of the unit. Where possible, use the same units of measure used in the NSPS to describe the size of a source. Wherever possible, use the list of standardized abbreviations for process and emission limits - Appendix E.

11. Pollutant(s) Emitted: An entry should be made for each pollutant or parameter for which a control requirement or other restraint has been specified (PM, SO_2, CO_2, NO_x, opacity, or others). Use a separate line for each entry and identify the pollutant. Use the following standard abbreviations for the pollutants wherever possible:

PM	Particulate Matter
SO_2	Sulfur Dioxide
NO_x	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compounds
VE	Visible Emission
TRS	Total Reduced Sulfur
F	Fluoride
Be	Beryllium
H_2S	Hydrogen Sulfide
Hg	Mercury
VC	Vinyl Chloride

12. BACT/LAER Emission Limit(s): For consistency and ease of comparison list the emission limit or rate in the same units of measure as those used for NSPS or those used in AP-42 for those source types where an NSPS has not been proposed or promulgated. Wherever possible use the list of standard abbreviations (Appendix E).

If there are two ways of expressing the emission limits or there are two limits the source must meet, these alternate or additional emission limits can be entered as alternate limits in the system and should be designated with an "Alter." on the form.

13. Regulatory Requirements Associated with Limit: Indicate the regulatory requirement that precipated establishing the limit presented, i.e., BACT, LAER, RACT, NSPS, NESHAPS, SIP, NAAQS constraint, internal constraints, or other items.

Do not list such items as stack test, design or others. These items generally represent the supporting information that may have been used to document or establish the given limit. Such items should be included in the notes section.

To facilitate the identification of limits the following abbreviations can be used:

B = BACT
L = LAER
N = NSPS
H = NESHAPS
A = Constraint by NAAQS or PSD increment
I = Internal Constraints
S = SIP
R = RACT
U = Unregulated

The following example is given to illustrate how a set of emission limits should be identified. Given:

A new 250 mm Btu/HR coal and chemical waste fired boiler located in an area that is nonattainment for SO_2 and attainment for all other pollutants. The NO_x limit was determined by ambient air quality constraints that required more control than BACT. Neither CO nor VOC are subject to BACT because of emissions below the PSD cut-off for BACT review. The State has no requirements for CO.

The emission limits for this boiler should be listed as follows:

PM	x lb./MM BTU	B
SO_2	y lb./MM BTU	L
NO_x	z lb./MM BTU	A
VOC	98% control	S
CO	b lb./MM BTU	U

14. Control Equipment or Process Modification Description: Describe control equipment (ESP, fabric filter, etc.), operational modifications, limits on the type and amount of raw materials used, limits on throughput or hours of operation, maintenance requirements, equipment specifications, or other limitations. Align these listings with data presented in preceding columns 11 and 12. Information in this section may be supplemented under the "Notes" section.

15. Efficiency %: Enter the overall system efficiency, consisting of capture (hoods, ductwork, etc.) and collection (control device) efficiency. Any breakdown of efficiencies for capture or collection individually should be shown under "Notes."

16. Notes: This section is for the completion or elaboration of any of the above items where space was a problem. Also, any information that you feel other agencies should know about this determination should appear here. Notes are typically used for the following:

- more than one permit number,
- more detail on a particulate process,
- more than one contact person,
- further explanation regarding the designation of a source as new or modified,
- further explanation of the emission limit or the support documentation associated with setting the limit (i.e., limit based on design or stack test).

Mail to: Gary Rust
BACT/LAER Clearinghouse
U.S. EPA (MD-13)
RTP, NC 27711

BACT/LAER DETERMINATION INPUT SUMMARY SHEET

[2] Source Code

Date of This Report

Source Type/Size: [1]

Company Name/Site Location: [3]

Determination is: [4] (circle appropriate definition)

BACT/LAER For New/Modified Source:

Permit No.: [5]

Date of Permit Issuance: [6]

Date of Estimated Start-up: [7]

Determination Made By: [8]
(Agency)

(Person Directly Knowledgeable About Permit) (Phone)

9 Permit Parameters: (List all processes subject to this permit)	10 Maximum Design Capacity	11* Pollutant Regulated	12 Emission limit(s) units of emissions/ units of input	13** Reg. reqmts. assoc. w/limit	14 Control equipment of process modification description	15 Efficiency %

Notes: [15]

*Use the following abbreviations wherever possible: PM=particulate matter, SO_2=sulfur dioxide, NO_x=nitrogen oxides, CO=carbon monoxide, VOC=volatile organic compounds, VE=visible emission, TRS=total reduced sulfur, F=fluoride, Be=beryllium, H_2S=hydrogen sulfide, Hg=mercury, VC=vinyl chloride.

**Please use the following abbreviation: B=BACT, L=LAER, N=NSPS, H=NESHAP, A=NAAQS or PSD constraints, S=SIP, R=RACT, U=Unregulated.

Page __ of ___